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# **FOREWORD**

### **BUILDING RESILIENCE IN UNCERTAIN TIMES**

We live in the Age of Displacement. Fragile states, armed conflict, climate change and food insecurity are increasingly driving people away from their homes. The number of refugees globally doubled in the last 10 years.

Phoenix Space's mission is to establish a novel **institutional** architecture to tackle the humanitarian crisis, going beyond traditional methods, via **education, upskilling and capacity building.** We prioritise personal and community focused sustainability as the main objective for empowering refugee communities. We believe the key to sustainability lies in unlocking human ingenuity and the potential contributions of refugees themselves.

This new approach involves building agile pathways to innovative education, upskilling and employment opportunities, which will enable displaced populations to become self-reliant, thus further contributing to the resilience of their communities.

We are shaping a future where every individual is a catalyst for a lasting change.

The Phoenix Voyager course provided a quantum leap in my learning, and it took me from small surroundings to the largest, where I got to meet new friends."

Laila, F, 16, Syria

# WORDS FROM OUR CEO

Phoenix Space emerged as a response to the pragmatic acknowledgement that refugee numbers are increasing and societies are becoming increasingly unwelcoming towards migrants. This tension underscores the importance of sustainability in refugee aid efforts. Consequently, empowering refugees and fostering livelihood opportunities stands out as a pivotal approach to alleviating the impacts of this escalating crisis.

Today we are on the brink of the re-skilling revolution with over 1 billion jobs liable to be radically transformed by technology in the next decade. The present and the future are also the times of unprecedented uncertainty as polarisations, wealth distribution gap, climate change and conflicts are on the rise.

In our constantly changing world, it is essential to recognise the dangers of excluding the most vulnerable individuals from the global re-skilling endeavour. Such exclusion can lead to further widening the development gap, which could have severe repercussions on global prosperity and stability.

Future-jobs proofing entails more than just re-skilling the current workforce; it also involves providing future-ready education and upskilling for today's children. Educational opportunities must align with the re-skilling initiatives occurring worldwide for education to truly make a significant impact and fulfil its role as a social equaliser.

At Phoenix Space, we collaborate with both humanitarian and private sector partners to create innovative pathways for education, upskilling, and employment opportunities in the digital age. Our aim is to empower underserved children and youth by providing them with tools to become self-sufficient and self-reliant in their host communities and prepare them for the challenges of the increasingly uncertain world.

Our mission is to shift the perception of refugees from being seen as a burden to being viewed as an opportunity. We believe that refugees possess immense human potential that, if nurtured and utilised effectively, can bring significant benefits not only to the individuals themselves but also to their communities and society as a whole.

Addressing the humanitarian crisis requires a balanced approach that incorporates access to technology, educational and training partnerships, and employment solutions. We invite individuals and organisations who share our vision to join us in this transformative educational and training effort. By focusing on building capacity for refugees to empower themselves, we can contribute to a more peaceful and equitable world.



Alevtina Nepomniachtchikh Founder & CEO



### Global Reach

We partner with local NGOs, organisations, and communities in **Ukraine**, **Italy**, **Syria**, **Lebanon**, **Palestine**, **Jordan**, **Turkey**, and **Poland**.



## What Our Students Say

Phoenix Space emphasises community engagement and empowerment as vital for success. By investing in underserved communities, it equips individuals with the skills to drive positive change, fostering growth and self-sufficiency.

97%

Believed they could figure out anything if they tried hard enough, after participating in Phoenix Spaces' Programs 95%

Now have a greater interest in science and motivation to pursue STEM education.

### **Key Partners**

We collaborate with like-minded organisations to strengthen connections, acquire knowledge, and optimise operations for advancing initiatives and advocating for a fairer society.





















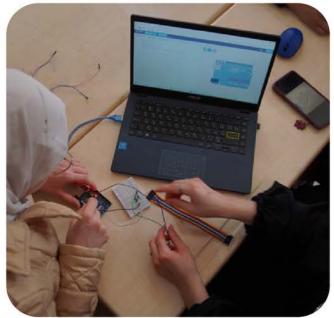












# Who We Are

At Phoenix Space, we provide educational and upskilling programs to children and youth from disadvantaged and refugee communities to develop scientific and technological literacy. Phoenix Space programs help unlock the enormous intellectual potential of young people and enable underserved children and youth to become self-sufficient and self-reliant in their communities.

# Vision

We are building a future where every individual is a catalyst for thriving sustainable communities.

# Mission

Enabling underserved children and youth to become self-reliant and empowered to shape their communities through education, upskilling and employment opportunities.



1,500+

**Students** 

12+

Key Partnerships

# What We Are Trying to Solve



Number of people displaced by the end of 2023

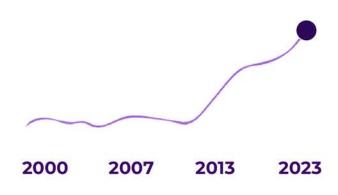
114 million

The amount of humanitarian aid which is allocated to education 3%

One defining aspect of the 21st century will be the growing numbers of people forced to flee and the dire options available to them. Education is notoriously the neglected orphan of humanitarian crises. Only 3% of aid goes towards education. Education is a key strategy in narrowing the development gap within marginalised communities. Investing STEM education within underserved communities reveals untapped human potential and paves the way for sustainable international growth and stability.

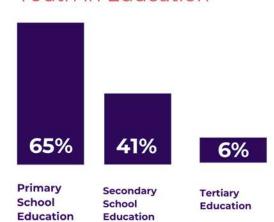


# Forcibly Displaced People Worldwide



Sources: UNESCO (2017), UNHCR (2018, 2023), World Bank (2022)

### Enrolment of Refugee Youth in Education









01- Students Educated

Developing digital literacy and 21st century skills among underserved students globally with cutting edge science and technology programs



02-Students **Empowered** 

Providing underserved youth with tangible educational and employment pathways to foster individual growth and resilience



03-Thriving Communities

Creating an innovative institutional architecture to address current and future humanitarian challenges

# How We Implement Our Mission

**Empowerment** Through Education

Cutting-edge STEM education programs and camps



Work readiness





Digital Upskilling







#### STEM SPARK

Short course designed to spark interest in STEM among younger students (8-13y).

#### MOON EQUEST

Short online program for global learners (13-18y) introducing key space science topics and boosting problem solving skills.

#### PHOENIX VOYAGER

Our flagship program. Extensive unique project- based interactive program boosting (13-18y) STEM skills.

#### **BALLOON CAMP**

Five days in-person camp where the students (13-18y) carry out practical activities around a nearspace high- altitude balloon mission.

#### PYTHON PIONEERS

Intensive 12 weeks online course (14y+) where students learn foundational coding skills, and build a robust programming portfolio.



#### DIGITAL HEROES

A program run by our key partner PwC. An exclusive digital upskilling course introducing platforms such as PowerBI and Alteryx, and individual mentoring.

#### **BSD**

Our students receive free access to the latest courses in digital technologies via our partner, BSD Education. Their learning platform offers over 3,000 courses in multiple technologies such as AI, Data Science and Web Development.

#### DATA CAMP

Our students receive free and exclusive access to Data Camp's learning platform, including 400 data management courses.



# Our Students' Journey

Comprehensive and diverse programs offering an array of 21st century skills to individuals of all ages.









35 Years Old

STEM

Spark

8 Years Old

PS Voyager Balloon Camp Moon eQuest Python Pioneers English Proficiency Digital Upskilling Work Experience













# Sustainable Development Goals We Contribute To



We offer STEM education to empower underprivileged youth, enhancing their employability, income potential, and social mobility, breaking the cycle of poverty.



Our educational programs are tailored to the needs of disadvantaged youth, promoting inclusivity, bridging educational gaps and striving to democratise quality education.



Our ethos is grounded in equal opportunity. We provide young people, regardless of gender, with the tools they need to excel in STEM competencies breaking down stereotypes in the field of STEM.



We believe that education is the driver for peace and stability. By empowering youth through our programs, we hope to create a knowledgeable workforce, foster social stability and build strong institutions through an educated and informed society.



STEM education is crucial for innovation, creating skilled professionals to contribute to technological advancements. Our programs empower displaced youth to realise their potential, become future innovators, and drive industry growth.



We focus on offering educational and career opportunities to displaced youth to bridge the access gap in education and employment. This, in turn, reduces broader disparities, particularly concerning social mobility barriers.



We enable work experience and mentorship opportunities to equip disadvantaged youth with the most in-demand skills in the thriving STEM industry. Enhancing their opportunities to enter decent work, reducing youth unemployment, closing the skills gap, and fostering economic growth.



We work with similar organizations to enhance connections, gain insights, and learn from one another to progress in our mission of democratising education and promoting a more equitable society.



# Where We Are Headed

Phoenix Space is establishing a new institutional architecture to tackle the humanitarian crisis.

# 5 Year Vision

### Goal 1

Phoenix Space is leader of international development network empowering communities through integration of Sustainable Development Goals



## Goal 2

Phoenix Space is an international STEM curriculum leader



Phoenix Space is a digital empowerment hub for underserved students to access high quality learning, training and employment opportunities provided by world's top institutions for free.



Phoenix Space is a **go-to educational** partner for all international, national and local educational organisations.

### Goal 3

Phoenix Space is a recognised future proofing catalyst for gainful employment of vulnerable population

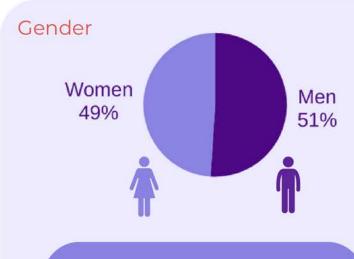




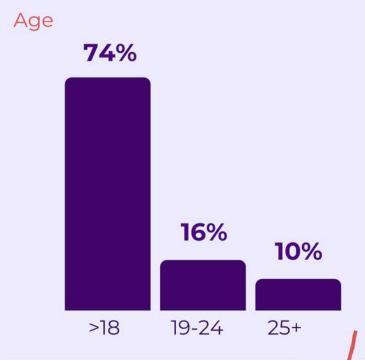
# People Empowered







**1,275**Young people impacted



"I asked what 'Phoenix' meant; it was not a common name, and I didn't know what it meant. When I listened to its story, I found similarities with my own situation. We have been going through difficult times, and I can look to the future more optimistically with what the project offers me."

Laila, 16, F, Turkey

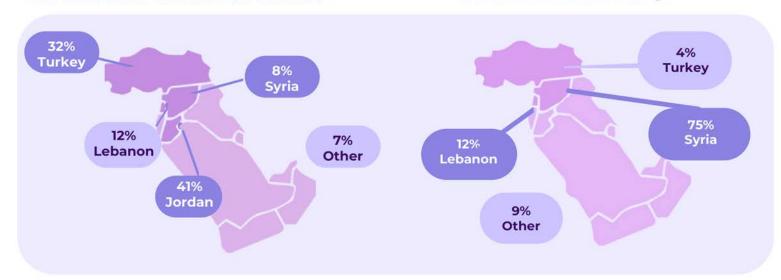




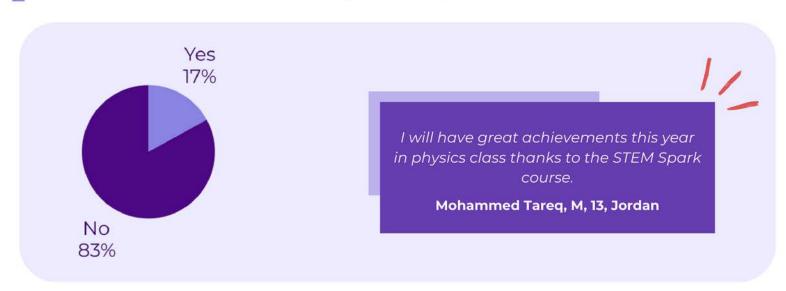
# Student Origin and Host Countries

Where Our Students Reside

Student Nationality



# Students With Gaps In Education



# Meet Our Students





I want to study civil engineering to help rebuild my country,

Syria.

Mohammad M, 13

Completed the STEM Spark course



Ahmed, 21, Turkey

Completed the Python Pioneers & PS x PwC Digital Heroes Programs "In early 2021, I came across Phoenix Space and saw the Python Course program. At that time, I have never heard of Python. But I told myself, "Why not try?". So I submitted my application and was accepted.

Although this was a short, introductory course, after completing it, I eventually became my own teacher, mastering multiple programming languages. That Python Course made me discover my passion for computer and data science.

Over the past two years, I have been trying to apply for scholarships to continue my education. I have been part of many competitive tech programs. I coauthored multiple computer science-related e-books. In addition, I also started an initiative in Yayladagi to empower refugee kids by offering math, English, and introductory computer science courses.

A few weeks ago, I received the great news of getting accepted into Haverford College, in the US, with a full scholarship. While it was not easy, I still can't believe it.

Of course, this doesn't solve all my problems. However, this is definitely a turning point in my life, and the journey is just starting. Thus, thank you from the bottom of my heart."





I never thought that physics would be so much fun. I hope that I will be able to enroll in a future project and learn more about space, geometry, and physics.

Noor, F, 14, Lebanon



My dream is to empower every woman in Za'Atari Camp, and through The AI Prompt Capstone Project, I've become one step closer to my dream.

Ruba, 26, F, Mafraq, Jordan

# Meet Our Partners



Roland Hancock
Education Partner
and Chief
Sustainability
Officer at PwC
Middle East

Education and upskilling is one of our key focus areas in our Corporate Sustainability strategy. We are committed to helping young talent to acquire and develop the right skills to meet the changing needs of the job market and address the impact of digital disruption. I am pleased that we could use our capabilities and expertise to create a positive influence on the students, and I am looking forward to continuing this collaboration with Phoenix Space team.



Emran Khalid Abu Murshid Innovation Lab and GIS Coordinator, Blumont, Za'atari Camp, Jordan

It's fascinating to see the passion and excitement of our young refugees when they learn about space for the first time! We had more students than expected in 2023 which reflects the quality and attractiveness of the training content, experiments, coaches, and, of course, the Phoenix Space support throughout the year.

On behalf of Blumont, I'd like to express our gratitude and appreciation for offering such an innovative opportunity to refugees to learn more about space, physics, and other STEM concepts.



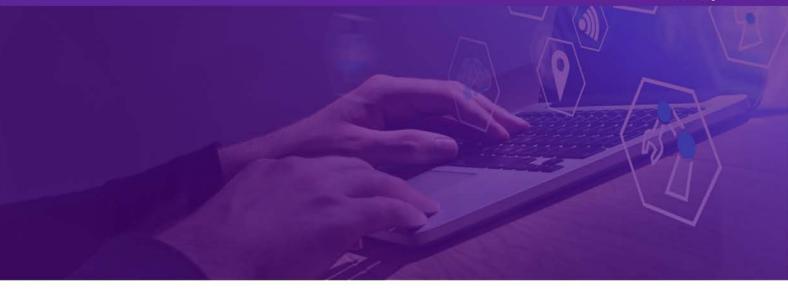
**Rachel Schroeder** Managing Director Airbus Foundation

The children access the resources they need to acquire the skills and competencies to face their future better equipped with knowledge and tools that can improve their conditions.

Our aim is that this program inspires the young people involved, and we hope it will also help them reach their full potential.







Phoenix Space initiates a global competition focused on STEM-based analytical thinking and problem-solving, attracting participation from 36 countries worldwide.

Phoenix Space LaunchPad Challenge offers upper high/secondary school and lower-level undergraduate university students the opportunity to develop and present a creative, idea-based solution to a space science-themed problem. This competition affords students an opportunity to apply their classroom learning and research to solving scientific challenges, leverage creativity, and develop presentation and teamwork skills while connecting to and competing against a global community of like-minded students who have an interest in space science.

133

Teams from **36** countries registered in 2022 Team Skeptics from Nepal and
Team Caminbaeti from Romania
were joint winners of the grand prize
for their submissions, "Green hemp
for red Mars" and "Terraformation on
Mars using drones and silicon
dioxide", respectively.

#### Voices of the individuals involved

The most important value I took away was the power of working together.

Naglaa, F, 19

I'm always amazed by the the knowledge and resourcefulness of young people across the planet.

Dr. Simon Foster, Imperial College London, Senior Judge Although we did not qualify for the finals, the experience was amazing and we learned a lot.

Mohamed, M, 18

Thrilled to support Phoenix
Space and their
remarkable STEM
programs. Space inspires
young people from all over
the world.

Scott Parazynski, MD, Astronaut, and veteran of 5 space shuttle flights and 7 space walks. The Phoenix Relief team raised over £326,000 to provide support to Ukrainian families between February and October 2022. At the forefront of this humanitarian crisis, we worked with local authorities, displaced community groups, local partners and over 30 volunteers to provide urgent humanitarian assistance.

Phoenix Relief supported more than 2,500 refugees fleeing the war in Ukraine. Our response was divided into two phases:

**Phase One** provided emergency humanitarian assistance with a special focus on the relocation of refugees fleeing the war.

Phase Two focused on helping Ukrainian families (mostly women with children) to settle in their new communities, with a special focus on social and professional integration, capacity and resilience-building programs for adults, and educational activities for children.

# **Phase 1 -** Emergency relocation to Poland and then from Poland to UK

2,500

People received support

€25

Per day per person in food and shelter support

13

Families received complete relocation assistance package from Poland to UK

I am so grateful to have met these volunteers. I was overwhelmed by fear when I met them. To be on a journey with no destination in sight, and two children to care for is terrifying. But the kindness of people has helped me to feel protected.

Elena, mother of two







# **Phase 2-** Krakow, Ukraine Empowerment Program

With the help of local implementing partners, Fundacja Archipelagowe worked with 142 beneficiaries including 49 children. The program included training workshops and courses, job coaching, psychological counselling, art therapy, entrepreneurship courses, Polish language courses, cultural programs and child support assistance.

### Svitlo School Program

Svitlo School provides online distance learning for Ukrainian children, suffering from military aggression and who cannot continue secondary education at schools. This program provided:

- Online schooling and tutoring for Ukrainian children remaining in the UK
- English classes for adults
- Scholarships for GCSEs and A-levels online education
- UK boarding school scholarships
- Access to technical equipment e.g. laptops and cameras
- Integration support in both academic and professional settings









Gulfsands, The Chaffinch Trust, The Alchemist Lab, and Phoenix Space Creating Sustainable Opportunities for Youth at the forefront of the humanitarian crisis in Jordan.

In January 2023, with generous contributions from Gulfsands, The Chaffinch Trust, and our local partner, The Alchemist Lab, we introduced a comprehensive five-week STEM program in Amman, Jordan. This course was specifically designed for marginalised students who have faced forced displacement. This custom curriculum covered essential STEM subjects. The remarkable success of this STEM-focused initiative is evidenced by an incredible 92% of our students expressing confidence in their problem-solving skills and feeling motivated to delve deeper into STEM topics after completing the Flagship course.



### Students Demographic

12

Students

15.2

Average age

### Our Students Voices'

This course has made me want to become an astronaut when I grow up. I can't wait to learn more about space.

Sidra, 16, F, Syrian

My favourite lessons included maths and physics activities such as building rockets and kites. I believe I will benefit from this course when I start university and in my daily life.

Qamar, 15, F, Syrian

### Course Information

20

Hours of Learning

**5** Days

Areas of Focus

Forces

Statistics & Graphs

Heat & Heat Transfer

Weight & Combined Forces

Geometry

Phoenix Space, Svitlo School and Prospero World created a 6-month, 50-hour course in STEM. Supporting children's education in Ukraine amid ongoing turmoil.

Following our fundraising campaign, in January 2023, Phoenix Space partnered with Svitlo Education and received support from Prospero World to create The Phoenix Voyager Flagship Program. Svitlo Education is a charity that provides free online secondary education to children and youth affected by the Ukrainian war.

This 6-month, 50-hour course focused on space science, fundamental physics, maths, and programming.

#### Our Students' Voices

This course will help me in mathematics, physics and astronomy at school. Thanks to this course, I received a refresher just in time for exams! I also really appreciated being able to put my learning into practice and to develop the important skill of logic.

Nastya, F,16, Svitlo Student

### Categories of Learning

Space Science Foundational Physics

Foundational Physics

Programming

Foundational Maths



### Student Demographic

12

Students

100%

Ukrainian Decent 15.8

Average Age Women 75%



Men 25%

### Course Duration

50

Hours of Learning

6

Months



Supported by Blumont, Inc., Phoenix Space and PwC's Digital Heroes Program provides marginalised youth with valuable technology skills.



Phoenix Space and PwC's Digital Heroes Program, supported by Blumont, Inc., empowered marginalised youth with invaluable tech skills. This online course enhances digital literacy and provides students with foundational and transferable skills, boosting their future employability. Guided by PwC Middle East Digital Accelerators, students receive mentorship and received internationally recognised credentials from Kubicle upon completion.

#### Course information

38.5 learning hours **3-4**Modules

36

Days

Data Literacy

Power Bi

Alteryx

Excel





### Student Demographic

50

Students

86%

are refugees

60%

living inZa'atari refugee camp



Our Students' Voices

I will use these skills in my future work in the field of data analysis. I believe that it will be a great addition to my CV.

Amr, M, 19, HTU

I plan to bring these skills into my community, particularly to women, to help them increase their competency in the labour market.

Ruba, F, 26, Blumont

4.22 OUT OF 5

Made me feel more confident analysing data and drawing conclusions from it

> 4.19 OUT OF 5

Made me feel more confident trying new technologies



Phoenix Space, Associazione Lumo, and Associazione Franco Verga empowered migrants in Italy with foundational Python coding skills, supporting their entry into the labour market.

The Python Pioneers course is one of the professional training components provided in the wider Work4All program. It was designed by Phoenix Space and delivered by Associazione Lumo and Associazione Franco Verga in Milan, Italy between May and November, 2023. This course equips students with a foundational understanding and practical skills in the coding language of Python.

The Work4All program facilitates the entry/ re-entry into the labor market for migrants/ immigrants in Italy through vocational and professional training programs.

#### Our Students' Voices

It will allow me to search for a new job and work in technology some day.

Mayra, F, 33, Peruvian

The Python
Pioneers course will
strengthen my CV.

Kirill, M, 29, Russian





#### Course Duration

Up to **42** 

potential learning hours 8 or 14

Lessons

Over

14

weeks

### Student Demographic

12

Students

32.7

Average Age

100%

are refugees and migrants and/or from disadvantaged communities

### Categories of Learning

Reading and writing good quality code

Python 3 programming language basic syntax and format

100s of specific Python commands



### AIRBUS FOUNDATION



Phoenix Space, The Airbus Foundation and The Alchemist Lab: instilling hope and viable pathways to a future beyond displacement for refugee youth in Jordan.

In July 2023, the STEM Spark Course was introduced in Amman, Jordan. This collaborative initiative was co-designed by The Airbus Foundation and executed in partnership with The Alchemist Lab. The primary objective of this program was to cultivate a scientific mindset and impart problem-solving skills through hands-on experiments and a focus on evidence-based thinking.

Course Duration

**20** Learning 11

Lessons

5

Days

Categories of Learning

Student Demographic

**Forces** 

Space science

Basic physics & maths

Programming

Practical skills

44

Total Students 100%

Refugee Students

1.83

years.

Average gap in education

Our Students' Voices

I will have great achievements this year in physics class thanks to the STEM Spark course.

Mohammed Tareq, M, 13

90%

I believe I can figure out anything if I try hard enough This is the best course I've ever attended and now my dream is to become an astronaut.

Raafat, M, 13

90%

I think about how to apply what I'm learning in practical ways in my daily life My ravourite part of the course was the hands-on experiments, like when we combined different substances to create a strong composite material.

Yara, F, 10







Young Syrians Learn STEM In Za'atari Refugee Camp, Jordan In August 2023, Phoenix Space collaborated with Gulfsands.

In August 2023, Phoenix Space collaborated with Gulfsands and Blumont, Inc. to launch the STEM Spark program in collaboration with UNHCR, the UN Refugee Agency at the Za'atari Refugee Camp in Jordan, providing refugee children aged 10-14 with STEM education.

#### Our Students' Voices

I want to study civil engineering to help rebuild my country, Syria.

Mohammad M, 13

96%

They have a greater interest in science and motivation to pursue STEM education.

94%

STEM Spark "made me think about how to apply what I'm learning in practical ways in my life."







### Student Demographic



10.8 Average Age



198 Students



Phoenix Space and Altruistic, with support from Blumont and the UNHCR, offered displaced individuals an opportunity to ignite a passion for AI and gain skills for future careers.



The AI Prompt Capstone Project is a two-week paid work experience opportunity created implemented in partnership with Altruistic. This opportunity was awarded to the highest-performing students from one of our previous digital upskilling initiatives. This AI Prompt Capstone Project focuses on increasing the data literacy of our students, which they then utilise analyse and suggest improvements to the performance of AI technologies using AI prompt testing. This ignites a passion for the field of AI and provides a path for personal and professional growth for individuals who may have limited access to educational and upskilling opportunities.



### Student Demographic

10

Students

90%

Refugees

#### Our Students' Voices

90%

would recommend
The Capstone
Project to their
friends

95%

of students are eager to learn more about AI technology following The Capstone Project My dream is to empower every woman in Za'atari Camp, and through The AI Prompt Capstone Project, I've become one step closer to my dream. I learned so much data analysis and AI platform skills, which are considered state-of-the-art skills and meet the job market demands and future job projections.

Ruba, F, 26 Syrian Refugee Za'atari camp, Jordan Categories Of Learning

Data Analytics

Programming Foundation

Data Visualisation

Machine Learning

Analyse, Record, Present Data

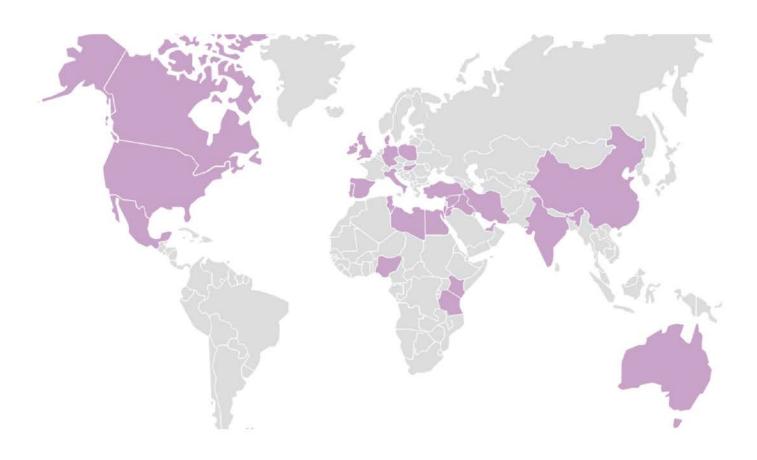


PHOENIX SPACE TEAM

# A Global Effort

Since 2019, the organisation has been operating primarily through volunteer working hours. We are proud of the collective accomplishments of our volunteers and grateful for their contributions.





# Our Board of Advisors



Prof. Rana Dajani

Prof. Rana Dajani is a molecular biologist and tenured professor of biology and biotechnology at Hashemite University. She is the president of the Society for Advancement of Science and Technology in the Arab World (SASTA). Prof. Dajani is a Fulbright scholar alumna, having received two awards. She is also a former Yale University visiting professor and a visiting scholar at both the University of Cambridge and the Stem Cell Therapy Center in Jordan. She sits on the United Nations Women Jordan Advisory Council and is the recipient of Jordan's Order of Al Hussein for Distinguished Contributions of the Second Class.



Tareq Hawasli

Tareq Hawasli is co-founder of Darin Partners, an independent investment advisory and asset management company based in London. Tareq served on the board of directors for Sheffield United F.C. when the team was promoted to the Premier League. He is a real estate, sports and technology investor. He attended the University of Georgia, INSEAD, London Business School, and Harvard Business School. He is a fellow of the Laboratory for Innovative Science at Harvard University.



Prof. Dr. Ugur Guven

Prof. Dr. Ugur Guven is an Aerospace Engineer (PhD, BS) and a Nuclear Engineer (MSc). He is currently a senior professor of Aerospace Engineering and he is serving as an Advisory Council member to the UN's Center for Space Science and Space Technology Education in Asia-Pacific. Dr. Guven is also a member of the Academic Council on UN Systems and Member of the European Association for International Education (EAIE). He is also a member of NASA.

# Our Board of Trustees



Murray Shanks

Murray is a circuit judge. He hears serious criminal cases in the East End of London at Snaresbrook Crown Court and employment and freedom of information cases in Tribunals. Until his appointment in 2009 he was a commercial and employment law barrister and he sat as a judge in the West Indies between 2000 and 2005. Murray has been involved with Prospero World for eight years. Formerly he was a trustee of Crisis, the single homeless charity, for six years and a volunteer and trustee for the Fulham Legal Advice Centre for 20 years. Apart from his time in the West Indies he has lived all his life in London.



Paul Bartram

Paul Bartram has been in Investment Banking for twenty four years, focusing on helping clients strategise on next steps within their businesses and maximise their company potential. Prior to his current role he worked in the bond markets for nineteen years at JPMorgan, Dresdner Kleinwort Wasserstein and Goldman Sachs, in both London and New York. In his charitable endeavours Paul has worked closely with the charity Ickle Pickles for premature babies, and is currently on the board and Treasurer of the Elfrida Society for the Learning Disabled.Paul holds a BA Hons in Philosophy, Politics and Economics from the University of Oxford.



Dr. Simor Foster

Dr. Simon Foster is a Solar-terrestrial physicist and lecturer based at Imperial College London. His area of specialism is Total Solar Irradiance. In addition, Dr. Foster is also active in the public engagement activities of Imperial College London and is a frequent contributor in the media in the areas of space science and physics.

# The Core Team



Alevtina Nepomniachtchikh Founder & CEO

Alevtina is an avid supporter of social impact initiatives with a focus on education and youth empowerment. She is the founder of Phoenix Space. Alevtina is also a film producer and founder of Open Citadel Media. Alevtina has previously worked in the finance industry for over a decade, starting her banking career at Citigroup. Alevtina is a graduate of Oxford University with BA in Modern History and Economics.



Berenika Rozanska Strategic Development

Berenika has extensive experience in developing and managing small- and large-scale projects and organisational structures. She has a long track record of rapidly scaling projects to improve the lives of the most vulnerable globally. She holds an MA in Cultural Studies from the University of Wroclaw, Poland. An explorer, adventurer, organiser, visionary and a connector.



Alex Dutton Head of Curriculum Development

Alex leads the development of PS' educational offerings. He has travelled the world and taught science and maths, developing educational contents in electronics, maths and physics, and astrophotography. He holds a Bachelor's and Master's degree in Astrophysics from University College London, where he studied space science.



Mike Gopal
Head of Partnerships &
Business Development

Mike is originally from London and has worked in several global locations before settling in Dubai in 2014. Passionate about delivering positive change, he is a management consultant who today works with both established and emerging technology brands. Specializing in growth and marketing strategies his previous experiences with brands like Microsoft, Boston Consulting, and British Telecom have equipped him with a wide range of skills.



Sarah Gonzalez Head of Impact

Sarah is professionally focused on impact strategy and measurement and evaluation (M&E) process within the social sector. Sarah became a CPA in 2008 and worked for PwC and The Carlyle Group for more than a decade. She holds a BSM in Finance and BPA in Professional Accountancy from Tulane University and she's currently pursuing a Masters of Evaluation with the University of Melbourne.

# The Core Team



General Manager

Safa is a fellow of TechWomen, an initiative of the Department of State of the US focused on STEM for social entrepreneurship through SDs. A fellow of the Harvard Graduate School of Education. Safa was also the regional manager of the MENA region of Level Up Village in New York, which fosters collaborative STEM education projects between students around the world..



**Kamil Mousselli** Empower Partnerships

Kamil Mousselli is a seasoned professional with over 8 years of experience in program and project management, dedicated to youth empowerment and community development. With extensive expertise in this field, he has demonstrated a strong commitment to leveraging technology and collaboration for social impact. Armed with dual master's degrees in Business Administration and Engineering Management, he has honed his skills as a versatile program manager across various INGOs and NGOs. This background equips him to drive meaningful, sustainable change in diverse settings, implementing initiatives in various regions to empower youth and foster community development.



Nazeer Sabbagh Education Lead

Innovative and accomplished STEM leader with a deep history in teaching, tutorials and supporting both Lecturers and academics to inspire the next generation into STEM-led learning. Currently pursuing a Master's in Nanobiotechnology in Italy, brings 15+ years of existing experience delivering, upgrading, and creating STEM curriculums, with support to laboratories and experimental research projects. Passionate about pushing STEM learning, development, and academic research from the development of curriculums and STEM programes through to delivering tutorials.



**Yumi Lewis** Head of Partnerships

Yumi originally built a career developing client relationships and building partnerships in the tech industry, but has now transitioned full-time to partnership working in the charity sector. Passionate about using technology for social impact, she is on a mission to make a positive difference in people's lives, communities, and the planet. She holds a BA in English and French from The University of Nottingham.



**Katelyn Bell** Head of Social Media, Project Manager

Katelyn is passionate about sustainable humanitarian efforts. She previously interned with the Chaffinch Trust while studying International Development and Politics, and later pursued a BA Honours in Social Sciences degree in Edinburgh





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