



EMPOWERING SOCIAL CHANGE

June 2023

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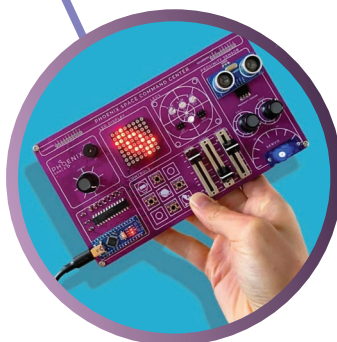
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WHO ARE WE?

MISSION

Enabling empowerment and social change through cutting edge STEM education and digital upskilling



Phoenix Space is a not-for-profit organisation providing educational opportunities to youth from disadvantaged and refugee communities to develop scientific and technological literacy.

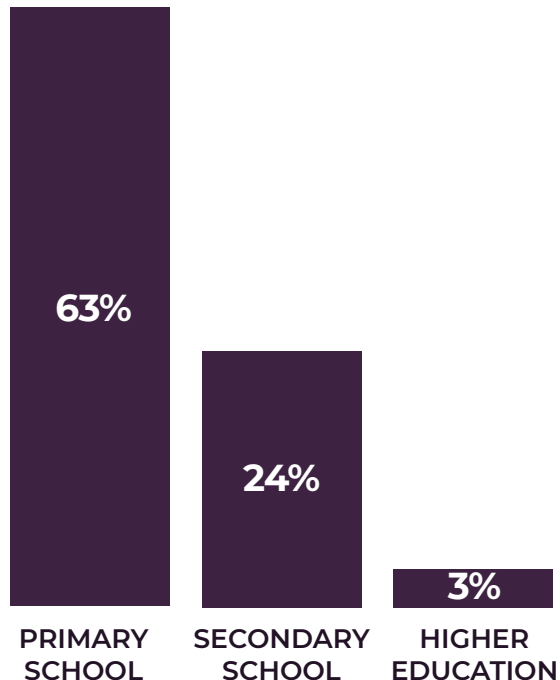
Our methodology is centred around the development of skills and competencies predicted to be the most in-demand among employers globally in the next five years*

We aspire for our beneficiaries to be lifelong learners, innovators and changemakers and hope that today's students will not just thrive in the future world, but be responsible leaders of their communities.

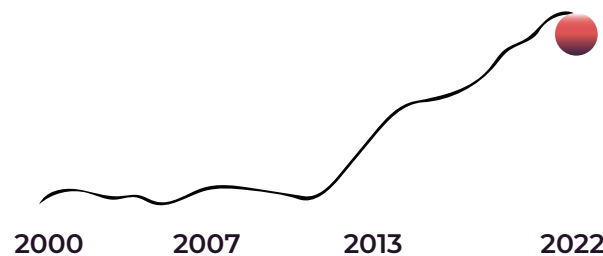
In the last 3 years we have helped over 1200 refugee and underprivileged students in 7 countries.

WHAT ARE WE TRYING TO SOLVE?

ENROLMENT OF REFUGEES
IN EDUCATION



FORCIBLY DISPLACED
PEOPLE WORLDWIDE



Over
100 million
people were
displaced by
end of 2022

One defining aspect of the 21st century will be the **growing numbers of people forced to flee** and the dire options available to them.

Only 3% of aid goes towards education.

Education is one of key strategies used to **reduce the development gap** among the marginalised communities

STEM competencies like analytical thinking **are essential in an increasingly digital world** marked by the Fourth Industrial Revolution.

WHAT DO WE DO TO SOLVE IT?

GOAL 1

Develop 21st century skills among underserved students globally with cutting edge science and technology programs

**STUDENTS
EDUCATED**

GOAL 2

Create a partnership ecosystem to provide educational and employment pathways, including digital upskilling, mentoring, psycho-social and language support

**STUDENTS
EMPOWERED**

GOAL 3

Actively engage all stakeholders in social change via collaboration with Phoenix Space

**BUILDING A
MOVEMENT**

OUR CURRENT PROGRAMS



Currently we offer eight educational programs for children and young adults aged 8 to 24 years old. Our programs run from short intensive courses to one year immersive courses in science, technology and digital upskilling.

Our flagship program. Extensive unique project-based interactive program boosting 13-18 year-olds' STEM skills.

PHOENIX VOYAGER

Flagship Program

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

BALLOON CAMP

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

MOON eQUEST

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

STEM SPARK

Intensive 12 weeks online course (14y+) combining building programming portfolio with space science.

PYTHON PIONEERS

Yearly academic competition for global learners (15-19y).

LAUNCHPAD CHALLENGE

Program run by our key partner PwC, an exclusive digital upskilling course and individual mentoring for 17y+.

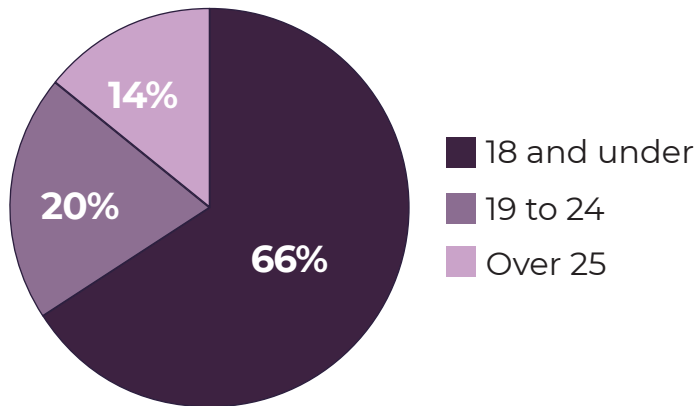
DIGITAL HEROES

Interactive online webinars for 16y+ with leading scientists, academics, and technologists around the world.

LECTURE SERIES

OUR IMPACT AT A GLANCE

AGE OF OUR STUDENTS



OUR TEAM



WHAT OUR STUDENTS SAY

PS Programs “made me believe I can figure out anything if I try hard enough.”

97%

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

95%

KEY PARTNERS

Imperial College
London



Gulfsands



WHAT OUR STUDENTS SAY



Fatima, 16

Turkey

Completed the
Flagship & Moon
eQuest Programs

“

I joined the Phoenix Space program because I wanted to learn more about space science and technology. I also enjoyed the physics and maths classes.

I learned about motion and the relationship between velocity and acceleration. This helped me with physics at school as well.

Programming was the most challenging part of the course for me.

”

AHMED'S STORY



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 co-authored 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.

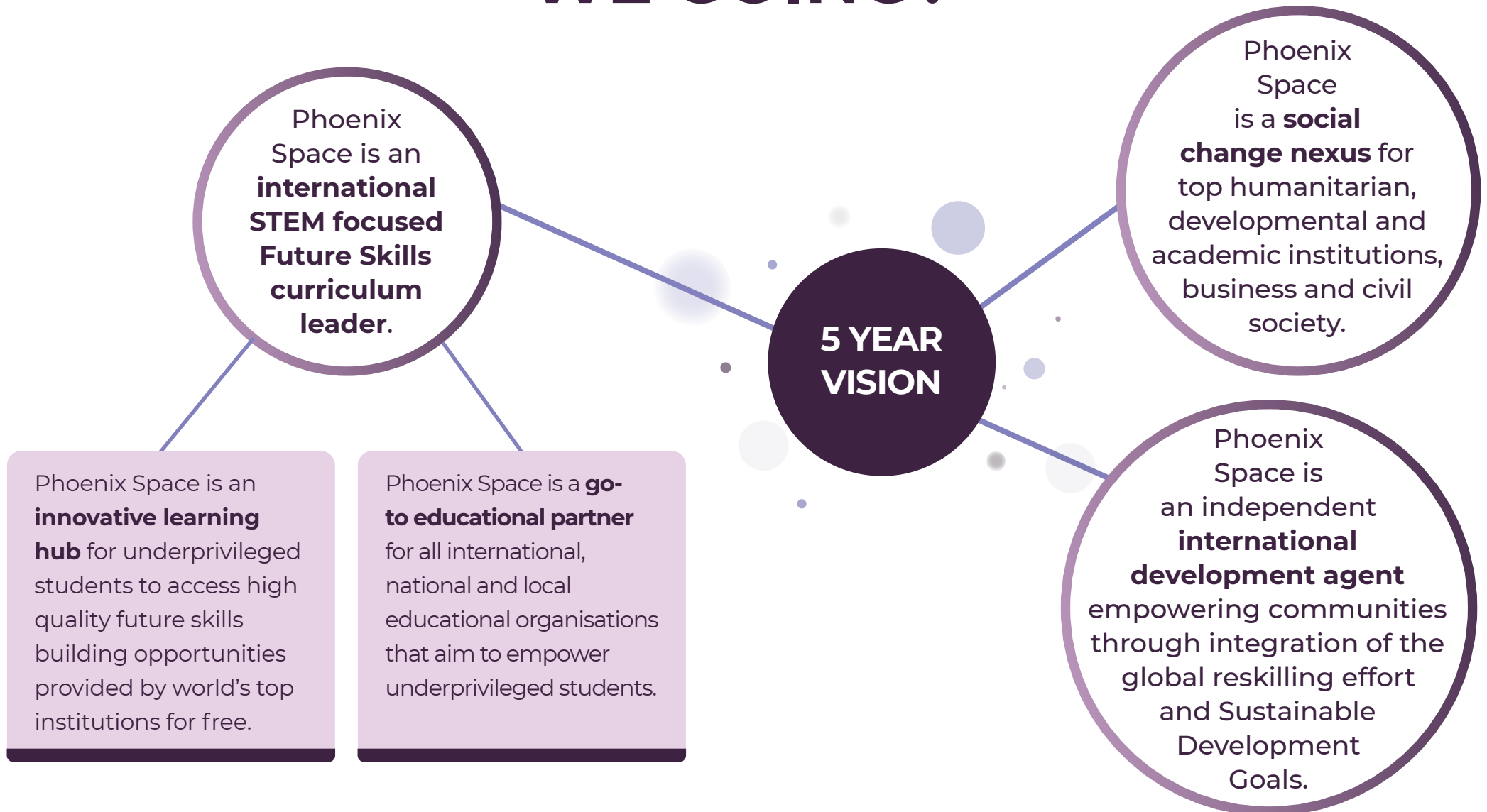
A few weeks ago, I received the great news of getting accepted into Haverford College, in the US, with a full scholarship. While it was not easy, I still can't believe it.

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.

”

WHERE ARE WE GOING?



HOW WILL WE GET THERE?

50

cutting-edge
science &
technology
courses offered

2 million
students
impacted

100

tech, academia,
corporate and
development
partners

7

SDGs tackled
(4 actively integrated
into activities & 3
indirectly)

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.



**Dr.
Simon
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.



**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.

He has published 250+ papers and books.

MANAGEMENT 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**
Chief Operating
Officer

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
Education

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.



**Safa Al
Ashqar**
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..

We have a clear vision and execution plan on how to provide transformational educational and upskilling opportunities to marginalised communities globally, ensuring that everyone is given a chance to fulfil their potential and thrive.

Many organisations and individuals are already part of our movement.

Will you join us?



phoenixspace.org

For more details please contact:

Alevtina Nepomniachtchikh - CEO & Founder of Phoenix Space
alevtina@phoenixspace.org