



**YEAR END
SUMMARY REPORT
2021**



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Our Vision

We believe in harnessing **technology** to create a **fair** world where everyone has an **equal** opportunity to **maximise** their potential.



Elena Sinel
Founder, Teens in AI

Founders Message

We wish to encourage greater involvement in STEM by young people, particularly girls, and underrepresented communities from around the globe.

Currently, less than a third of female students across the world choose to study higher education courses in STEM subjects & only 15% of the tech workforce are from an ethnic minority background.

This lack of diversity leads to technology being developed that doesn't fairly benefit everyone.

To address this, our hackathons provide teenagers across the world a platform to learn the skills to drive innovation, as well as a supportive community that believes in their potential.

This year we saw **1890 teenagers** joining us from **56 cities** in **33 countries**, learning about AI in as many as **32 languages!**

Despite challenges along the way, including lack of access to good quality wifi and persistent electricity cuts, the passion and spirit of volunteer organisers helped us achieve another successful year.

I would like to thank all our teenagers, Lead Organisers, Corporate Partners, Guest Speakers & Judges as well as my team for making this year a success.

2021 Calendar Highlights

Teens in AI Brunei

Teens in AI France

IWD 2021 (Global)

Teens in AI Dubai

AI Accelerator 2021 (Global)

Ada Lovelace Hackathon (Global)

QuantumBlack Day of Service Hackathon

1,890 Participants

1,190 Girls



63%

383 Projects focused on the UN Sustainable Development Goals

33 Countries

56 Cities

32 Languages

187 Judges



4 Judges on Average per event

361 Speakers

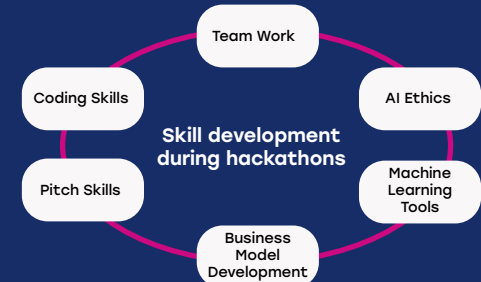


8 Speakers on Average per event

793 Mentors



4758 Mentoring Hours



Our host locations



Hear it from our teens

The most valuable thing I learnt from the Hackathon was...

How to work with a team building great relationships with others and how to solve problems in a smart way.

- Tartus, Syria

I learnt how to design a product or work on an idea from scratch with my teammates, to help make an impact in people's everyday life. - Dubai, UAE

There is always a problem where fresh new minds are needed to create ideas to potentially find a way to tackle those issues. - Durham, Uk

Everything, I made more friends who have the same interests as me, learned how to code in more languages and did something great to help the environment and make a better world for the next generation. - Tartus, Syria

I learned that winning is fabulous but the journey towards winning is more fabulous. - Latakia, Syria

Impact on Teens

373
Projects
created

76% of teens
improved their
tech and
AI skills

62% were new
or beginner
coders before
joining



87% of teens said our
programs are helpful for
their career path

"I wanted to be
in software
engineering
before and now
I am even more
sure about
choosing this
path"



96%



Teens who
would
recommend us
to a friend

Some of our teens beyond our hackathons

Teens in AI Ambassador Shahed from Syria, Latakia presented during the International Forum on AI in Education by UNESCO.

#YouthvsCOVID global hackathon winner Andreea Giurgiu got accepted into Vrije Universiteit Amsterdam to study Artificial Intelligence.

Teens in AI Ambassador Bayzhan Mukatay from Houston, Texas got accepted into Rice University to study Computer Science.

Ada Lovelace Hackathon 2021 2nd place winners Julius and Arthur talking about their project at the Pycon Tanzania conference.



The team making it happen

Elena Sinel



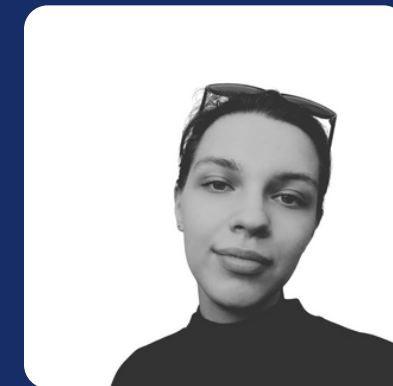
Founder & CEO

Lucy Navas



**Partnerships & Ecosystem
Building**

Teodora Jakubcionyte



Marketing Manager

Tariq El Bitar



Operations Manager

Christina Elliott



Operations Manager

Sophie Waller



Events & Operations Intern

Our Community



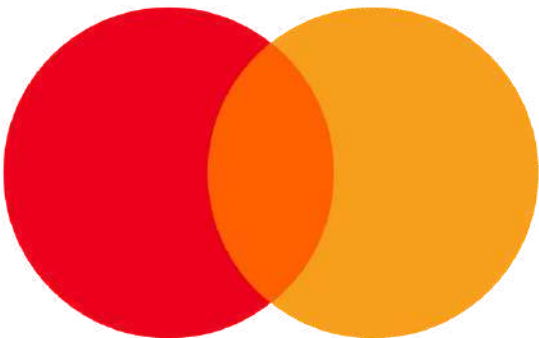
Our Partners...



Red Hat



SHERIDANS



mastercard



Our community

"I would recommend this programme to other teens as this programme teaches you so many things you can't learn in school and it also helps you to have better understanding in AI."

Suelynn, 17, Participant from Dubai



"It was such a rewarding experience to be a mentor at Teens in AI for the #AIAccelerator2021 and part of a truly inspiring program likely to promote diversity and offer young people the opportunity to elevate."

Fella Benaziza, Capgemini, Mentor



"The Teens in AI programme gives girls the opportunity to explore the field of AI and data science to see *potential career paths, learn from industry experts and compete in an exciting hackathon. It is a vital initiative for inspiring the next generation and creating a more diverse pipeline of talent and I encourage girls to get involved.*"

*Matt Warman MP,
UK Digital Infrastructure Minister*



"We are invested in Teens in AI, because you all are the future. We're thrilled at your passion for social good, and for wanting to use technology to make the world better."

*Kaye Kirschner, Director of AI Express Mastercard,
Judge*



Hear from Our Mentors

"It was such a rewarding experience to be a mentor at Teens in AI for the #AIAccelerator2021 and part of a truly inspiring program likely to promote diversity and offer young people the opportunity to elevate."

Fella Benaziza, Capgemini, Mentor

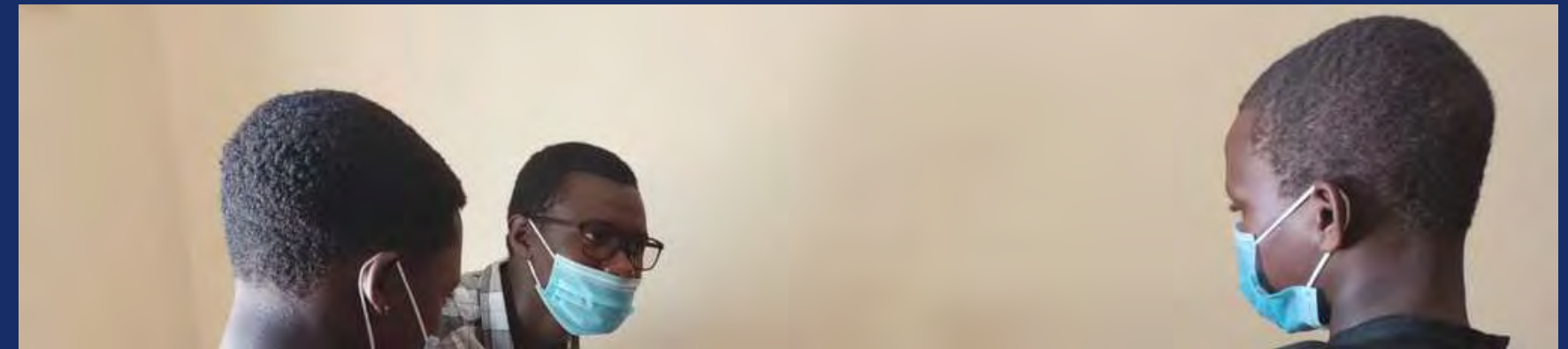


"An exciting and fun experience, it was a pleasure working with such brilliant young minds "

Design Thinking Mentor from Tartus, Syria

"I am grateful to have been able to inspire young changemakers. Seeing so many curious teens willing to learn about #AI and #ML techniques to tackle global challenges made me hopeful about the world's future."

Shivani Aggarwal, Solutions Architect at MDXC Technology, Mentor



"Thank you so much for inviting me as a mentor. It is always a pleasure to work with young minds and see their ideas grow and take shape."

Hanan, mentor

Some of Our Speakers



Sara Wyer

PhD Researcher
at Durham University



Mandy Sanghera

Philanthropist and
International
Human Rights Activist



Jeremiah Edwards

Machine Learning
Architect



Tonie Hansen

Senior Director of CSR and
Sustainability at NVIDIA



Atif Ishaq

Data Product Director
at GSK



Andrew Broderick

Director of Environmental
Sustainability at Sage

Some of our Guest Judges

Over 2021 we have had a total of 181 Judges attend our Demo Days.

Judges observe Demo Day projects, ask teams questions and decide on the winners!



Saeed Mirshekari

Director
Mastercard



Renée Cummings

Criminologist,
Criminal
Psychologist,
AI Ethicist



Susana Duran

VP of Engineering,
AI Labs
Sage



Nahla Valji

Senior Adviser,
Gender, Executive Office
of the Secretary-General,
United Nations



Martina Sourada

Senior Director,
SWQA Test and Tools
Development
NVIDIA



Aaron Harris

CTO,
Sage



Shelley Zalis

CEO,
The Female Quotient



Emma Duckworth

Director of Data Science at
GSK Consumer Healthcare



Stefano Debolini

Partner,
Sheridans



Jennifer Belissent

Principal Data Strategist
Snowflake

Keynote Speakers



Alison Lowndes

Senior Scientist,
Global AI
NVIDIA



Wade Munsie,

Chief Data Officer,
at GSK Consumer
Healthcare



Tommie Lo

Founder and CEO,
Preface



Kaye Kirschner

Chief Of Staff - Strategy,
Innovation, & Product
Development for Data &
Services at Mastercard



Vrinda Bansal

Founder of Think Fast
Robotics



Hadi Partovi

Founder,
Code.org and Hour
of Code.



Lauren Rumble

Associate Director
Gender Equality for
UNICEF



Muazma Zahid

Principal Engineering
Manager at Microsoft |
President PWiC | Startup



Danielle Belgrave

Principal Researcher at
Microsoft Research



Chris Merz

Senior Vice President,
Security and Decision
Products at



Felicity Burch

Executive Director,
Centre for Data Ethics
& Innovation



Sinda Ben Salem

Senior Product Lead,
InstaDeep

Flagship Events



#GirlsInAI2021

The #GirlsInAI Global Hackathon is a Teens in AI annual global campaign for young people aged 12-18 across the world. In 2021 #GirlsInAI2021 Hackathon, we aimed to scale our campaign across 25 countries worldwide, in celebration of International Women's Day 2021.

3
Sustainable
Development
Goals

910
participan
ts

382
mentors

86
judges

190
projects

160
speakers



Hear Me

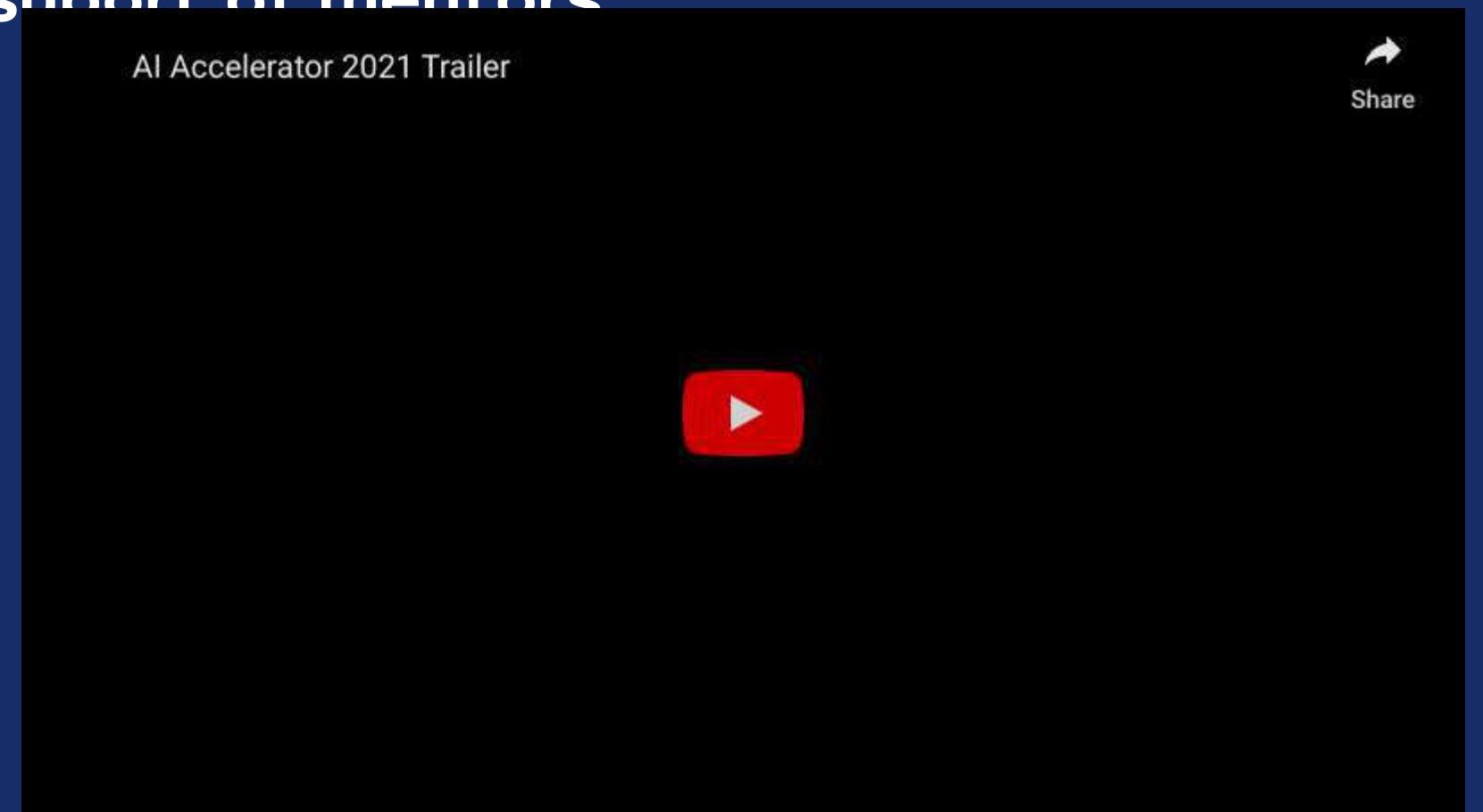
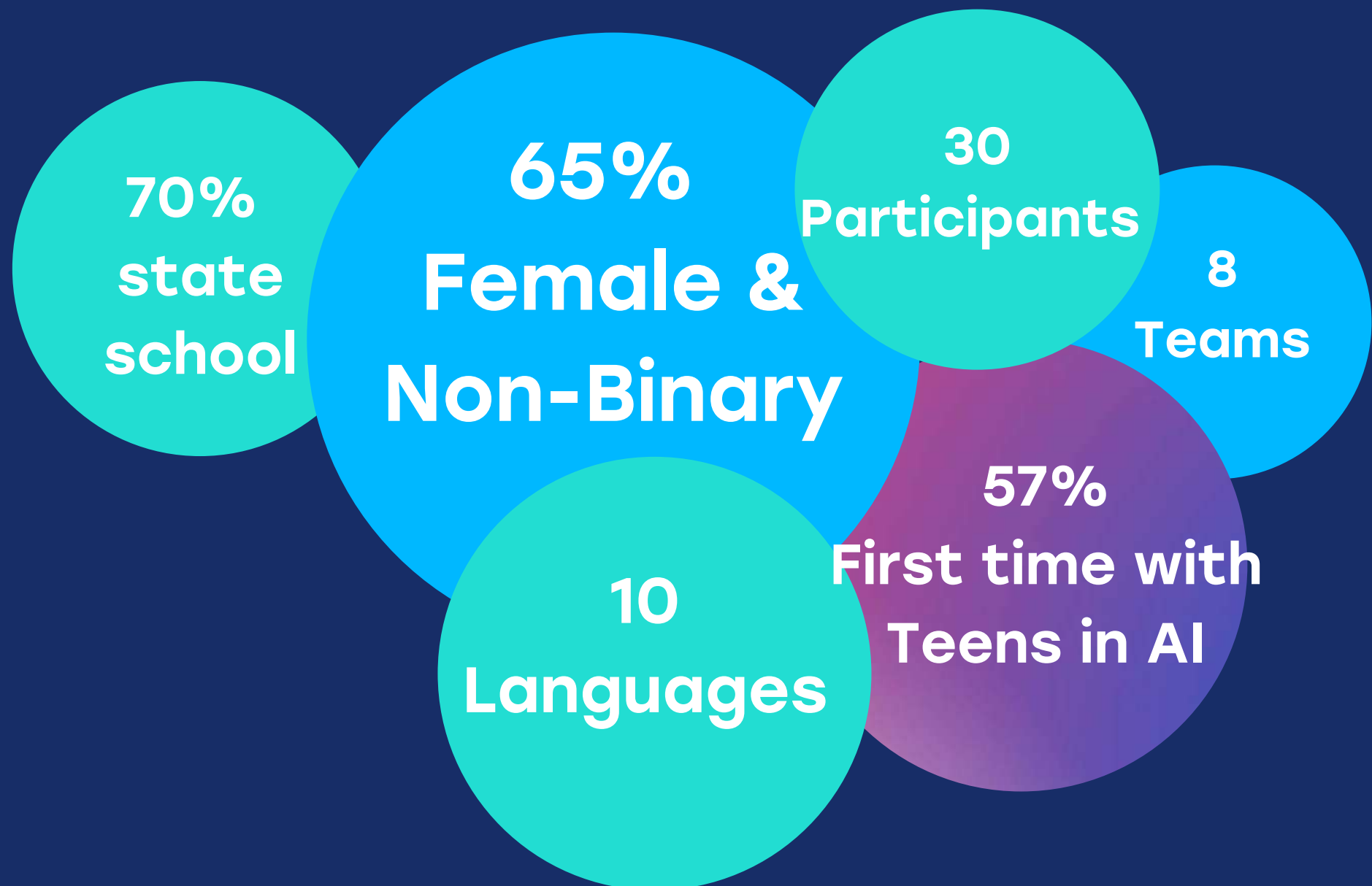
"Our product is an accessory to help the deaf and hard-of-hearing to decipher the sounds and voices that surround them."

Created by team of three amazing and bright young girls aged 16 and 17.

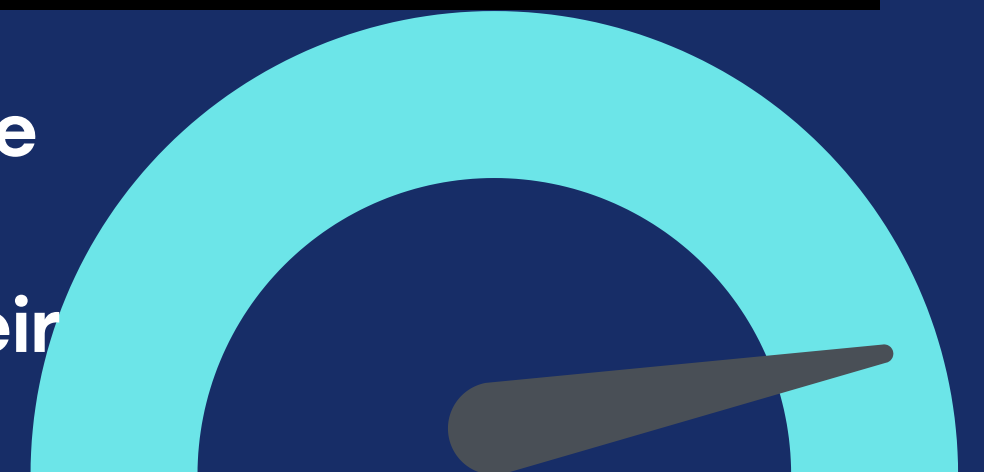


AI Accelerator 2021

Teens in AI ran our annual Accelerator over 3 weeks during the summer. The first week consisted of our Tech Bootcamp teaching the teens problem solving, machine learning and software engineering. During the remaining 2 weeks of the Accelerator, the teens developed their products with the support of mentors



91% found the Accelerator helpful for their career



Accelerator Winning Teams



Ophelia

Egypt, UK,
Kazakhstan



“We help firefighters make optimal decisions to tackle wildfires with minimum impact to infrastructure and the environment.”



Hear Me

France



“We help firefighters make optimal decisions to tackle wildfires with minimum impact to infrastructure and the environment.”



Calculi

Dubai

"We help young people with dyscalculia understand numbers and maths concepts better in their everyday lives"



Beauty

Kazakhstan

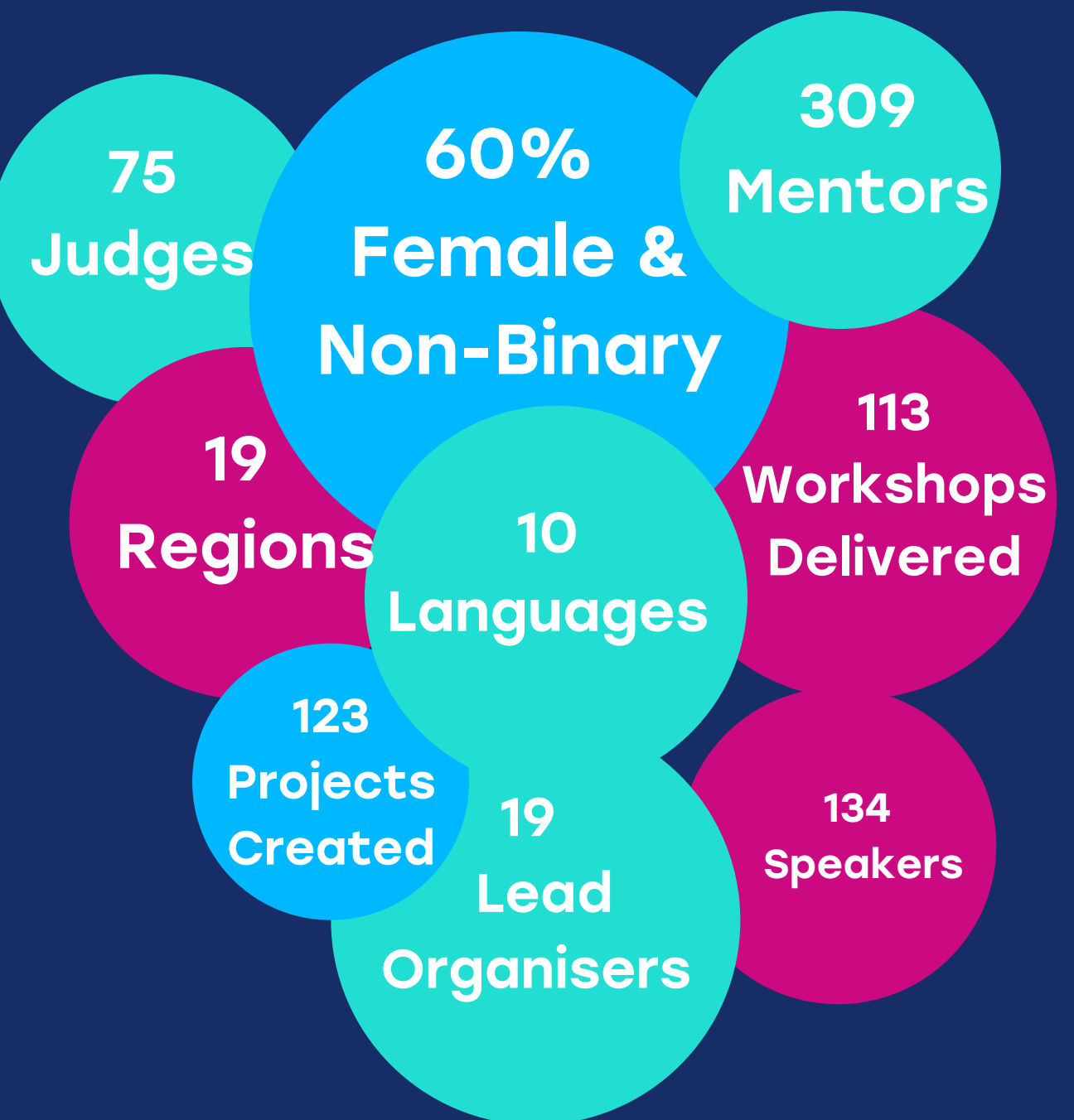
“We offer a qualitative, engaging learning environment for kids with speech disorders at an affordable cost”

Ada Lovelace Hackathon: October 2021

Teens in AI ran their global **Ada Lovelace Hackathon** to celebrate the achievements and potential of women in STEM, connecting a diverse group of teens from across the globe to address some of the most pressing social challenges we face today.



Get a taste of the in-person event held in Latakia, Syria here!



Ada Lovelace Hackathon Winning Teams



Dereve

Syria, Latakia



"We help people manage their waste by recycling them in creative ways."



Trash Hopper

Tanzania



"Our project is a game that entertains people while giving them an insight into how pollution..."



UNAI

France



"UNAI gives the users the opportunity to give back their right of free will so that they act in all conscience and in adequacy with their ecological values."

Teens in AI Chapters



Teens in AI France Chapter

Marina Repina

Head of French Chapter

Teens in AI France



"I am delighted to have launched the Teens in AI France chapter this year. Since January, we have organised 3 hackathons that have welcomed **157 young people**, out of which **52% were girls**.

It was incredible to see how teams who most of the time didn't even know each other at the beginning of the hack, managed to come up with brilliant ideas and create truly outstanding projects in such a short period of time. I am especially proud of the France teams that have won **2 Teens in AI International Hackathons**, and that one of the winning projects has been taken to the prototyping stage by Microsoft France.

This year has been a true success for us. But of course, all of this would not have been possible without all the support received from our sponsors and partners including **Accenture, Société Générale, Avanade, Microsoft, L'Oréal, Ada Tech school, ISEP school, Cercle InterElles, Impact AI** and many more.

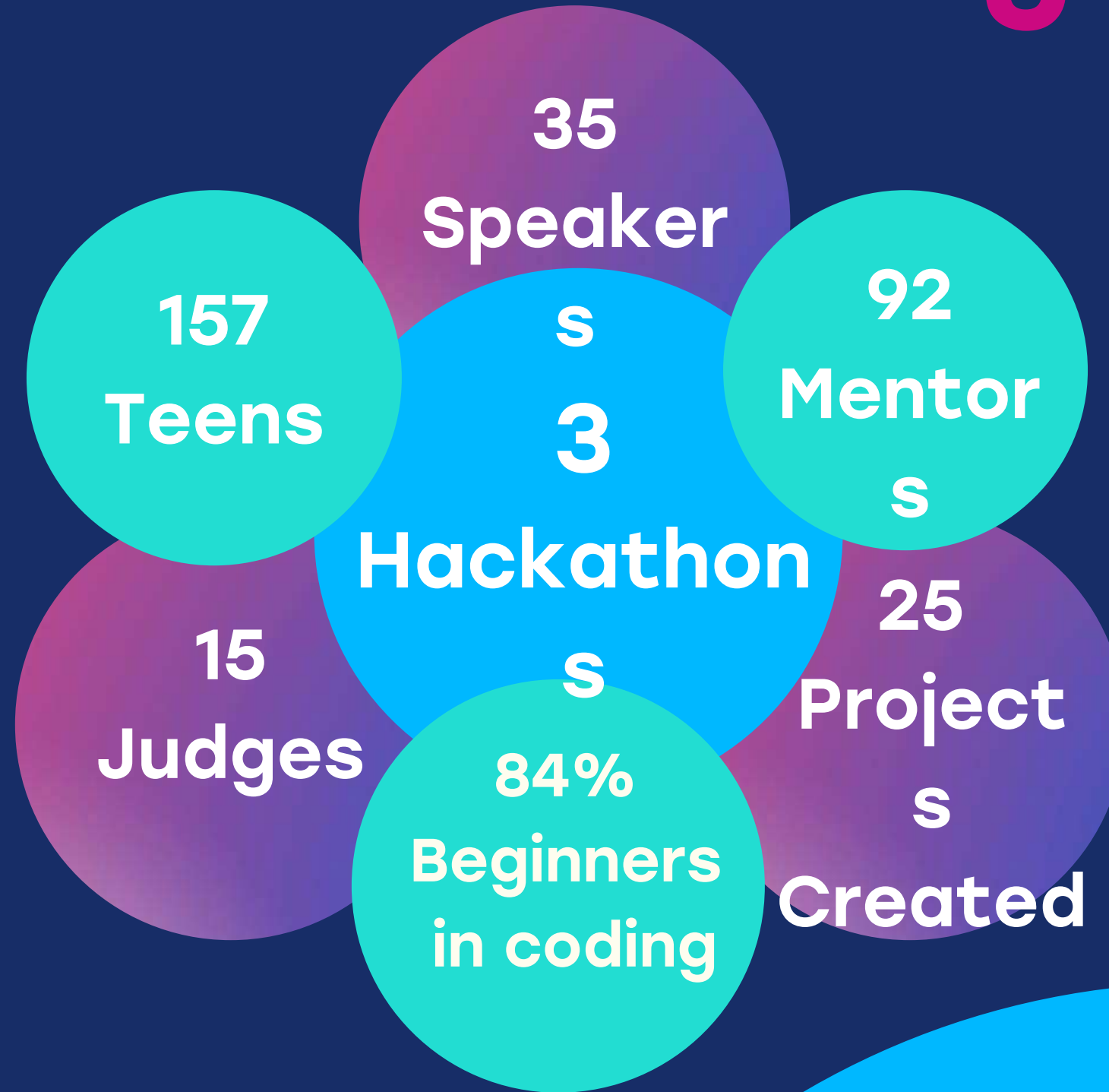
I would also like to take this opportunity to warmly thank our **Mentors and Speakers** who have been sharing their generosity, knowledge and wisdom. And last but not least, kudos to the **Teens in AI France team Kai, Olga, Daniela, Juliette** - ladies, you are **SuperPowerWomen!**"

Teens in AI France 2021 Highlights



2 international Prizes
1 project taken by
Microsoft
to a prototyping stage

Highlights from the March
Hackathon



"it's an exciting adventure,
certainly intense but you really
learn things. I will definitely join
the next hackathon!"

Ellen, Teen

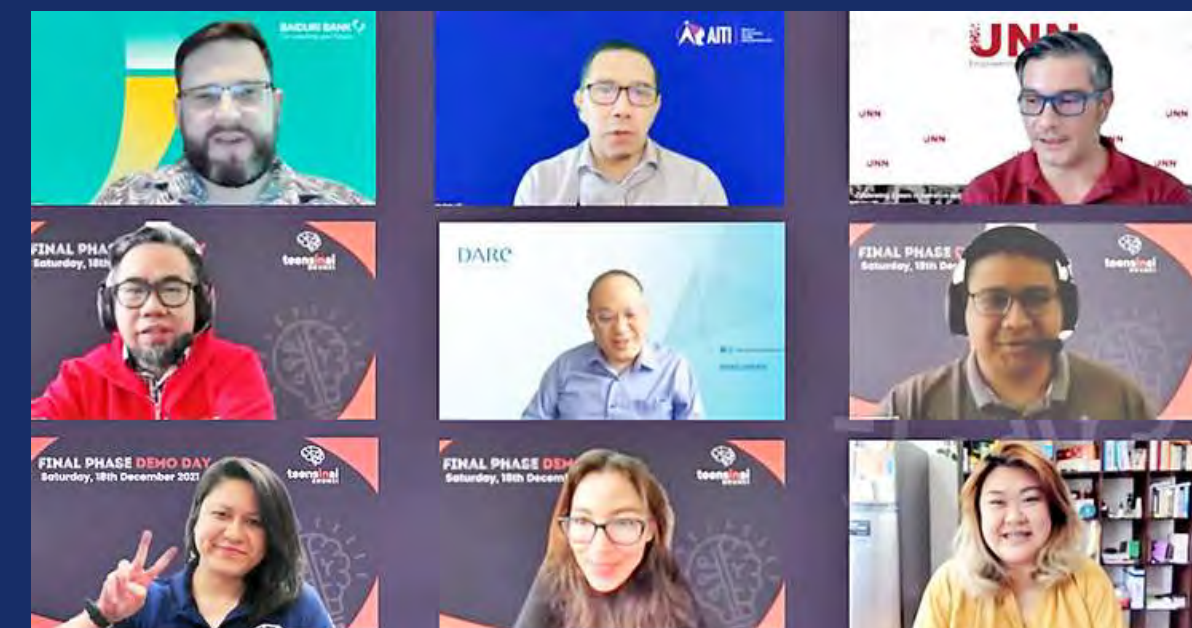
Teens in AI Brunei Chapter

The Teens in AI Brunei Project consisted of three phases which took place over the course of this year with the final phase having just been completed in December.



Phase 3 of the Brunei project was featured in an article in the Borneo Bulletin!

Team Financoin received first place in the final phase with their idea to promote financial literacy by helping the youth stay dedicated to keeping track of finances.



226 Teens participated

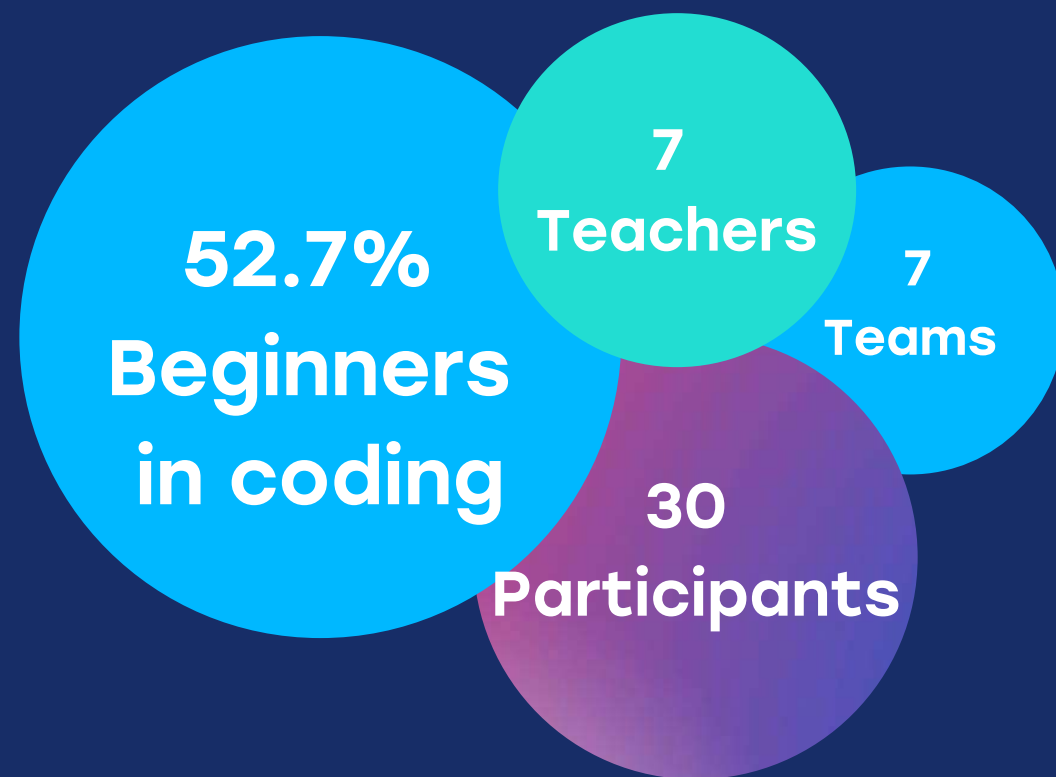
12 Schools were involved

95 Teachers took part

53 Teams were created

Teens in AI Dubai Chapter

Teens in AI partnered with DWTC and GITEX to run our first event in the UAE at Nord Anglia School where students were tackling the UN SDG Goal 13 - Climate Action.



UN SDG



RoboMask

"We help governments and cleaners clean communities and areas by helping robots pick up masks so they don't have to"

The winning team **RoboMask** was invited to continue developing their idea at the **Accelerator** and to showcase their product and journey at the **GITEX conference**.

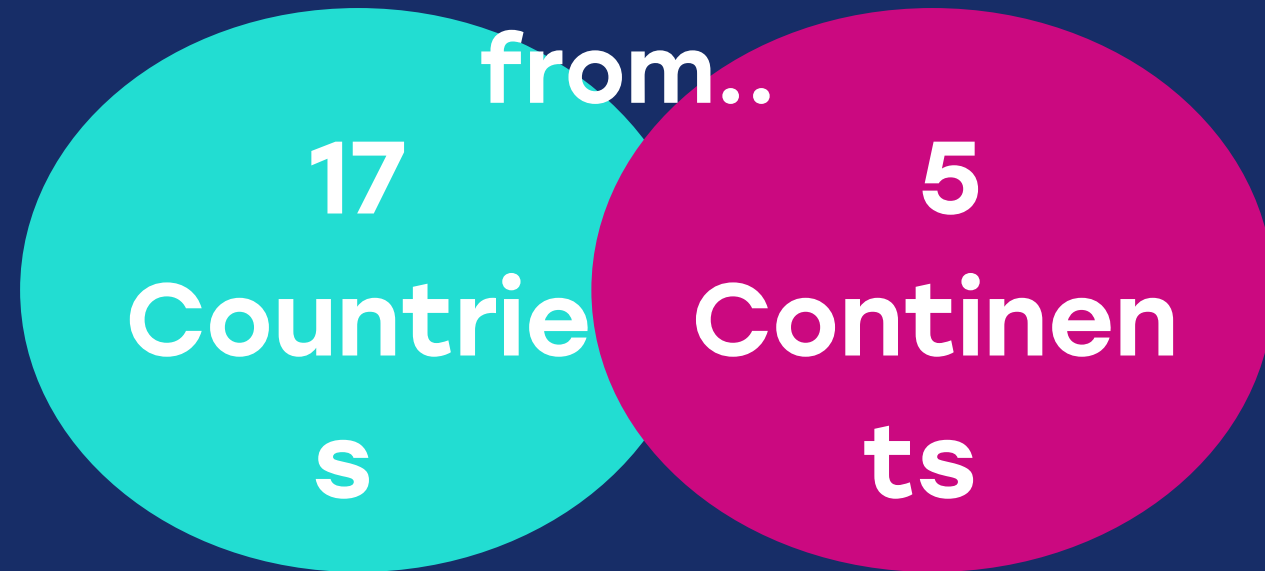
Bespoke Services



Bespoke Services - QuantumBlack

Teens in AI have partnered with QuantumBlack to offer an 'Introduction to Python' workshop to introduce teens to coding

Teens participated from..



Percentage of teens said the workshop met their expectations

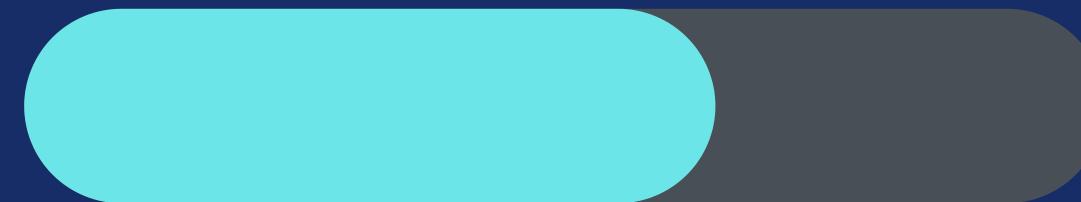


Percentage of teens who wish to continue studying Python



Teens rated the workshop 94 out of 100

64% Female & Non-Binary



Podcast



Podcast Guests



UK

**Benjamin Depraz-
Brennikmeijer**
Partner at iDiscover
360



Pennsylvania - USA

Erin Gustafson
Lead Data Scientist
at Duolingo



UK

Conrad Wolfram
European Co-founder
and CEO of Wolfram



Texas - USA

Abhishek Iyer
Director of Product
Marketing at Armorblox



France

Claire Calmejane
Chief Innovation
Officer at Societe
Generale



New York - USA

Rohit Chauhan
Executive VP of AI
at Mastercard



Washington - USA

Dr Fadji Maina
Hydrologist at NASA



Italy

Zach Crago
Chief Revenue
Officer at TeachFX



Maine - USA

Professor Dennis Tenen
Associate professor of
comparative literature at
Columbia University



New York - USA

Dr Rachel Li
Senior Machine
Learning Engineer at
Privacy Analytics



California - USA

Dr Ahna Girshick
Manager at
Ancestry



New York - USA

Laura Quevedo
Executive VP at
Mastercard



New York - USA

Kate Kallot
Director at NVIDIA



Hong Kong

David Hanson
Founder and CEO of
Hanson Robotics



UK

Robbie Stamp
CEO Bioss International



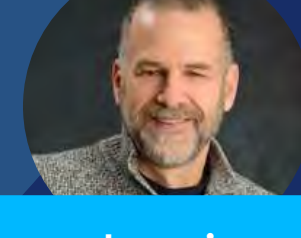
UK

**Professor Mischa
Dohler**
King's College London



Paris - France

Lubomira Rochet
Chief Digital
Officer at L'Oréal



Pennsylvania - USA

Corey Glickman,
Global Head of Sustainability
and Design Consulting
Services at Infosys

2021 Podcast in review

A podcast made by teens, for teens, talking to some of the biggest names in tech and exploring the world of AI & Ethics from the perspective of a young adult.

1800
downloads

19
episodes



2021 Most Popular Episodes

1

AI and Cybersecurity: exploring the virtual battle between hackers and consumers, with Abhishek Iyer and AI

2

AI Agony Aunts! How to win a hackathon, with the #GirlsInAI2021 winning team!

3

L'Oréal and AI, the future of beauty with Lubomira Rochet

Listen here



Conferences



Conference Participation

In 2021 Teens in AI team participated in many different conferences, such as **GITEX** in Dubai or **Sage Transform** in Las Vegas. These events let us connect with the like minded people who want to change the world.

GITEX, UAE



**Sage Transform,
Vegas**



Mobile World Congress, Spain

Teens in A Founder & CEO Elena Sinel was part of the panel and roundtable at the **Diversity4Tech Summit** at Mobile World Congress in Barcelona



UKExpo, UAE

Elena Sinel hosted the panel as part of The UK at Expo 2020 Dubai.



Awards & Media





Awards & Media

ComputerWeekly



Next Generation: 'Teens in AI' Takes on the Ada Lovelace Hackathon

September 22, 2021

Sept. 22, 2021 — Jobs in data science and AI are among the fastest growing in the entire workforce, according to [LinkedIn's 2021 Jobs Report](#).

[Teens in AI](#), a London-based initiative, is working to inspire the next generation of AI researchers, entrepreneurs and leaders through a combination of hackathons, accelerators, networking events and bootcamps.

In October, the organization, with support from NVIDIA, will host the annual [Ada Lovelace Hackathon](#), created for young women ages 11-18 to get a glimpse of all that can be done in the world of AI.

Inspired By AI

Elena Sinel
Teens in AI
Top 50 Most Influential Women
in UK Technology

Elena Sinel
Teens in AI
ADVOCATE OF THE YEAR



The growing opportunity for education technology in post-covid era

Building on the advances of the past two years, authorities can build a 21st-century education system that combines traditional teaching with the latest technology



In line with its role as a platform for transformative technology, [GITEX Global](#), held from October 17-21, 2021, will spotlight the latest advances in the education sector. Education is one of the 11 tracks to be highlighted at this year's event, where participants can hear from pioneers spearheading and securing the future of this sector. Leading figures in the global education technology are among speakers in the Education Track, including Dr Bernard Ghanem from the King Abdulla University of Science and Technology (KAUST), [Elena Sinel](#), founder and CEO, [Teens in AI](#), Christopher Abraham from the SP Jain Global School of Management, among others.

Borneo Bulletin

Nurturing next generation of out-of-box thinkers

December 20, 2021

Financoin snatched the top spot in the "Teens in AI" programme that ended on Saturday with a virtual Demo Day.

Financoin's idea was to promote financial literacy by helping the youth stay dedicated in keeping track of finances through providing a multi-functional budgeting platform with exchangeable rewards.

The second place went to AI Fourturistics while 3 REKA was second runner-up.

AI Fourturistics worked on EnvironCycle, an app that encourages recycling by providing easy access to information and data for the users to easily start recycling via their geo-locator feature while 3REKA offers a rubbish-sorting scanner that provides a rewards-based system to encourage recycling.



Hong Kong / Society

Fourteen-year-old girl takes the lead in organising Hong Kong's first global hackathon

- Nicole Lee, a Year 10 student at West Island School, is the youngest organiser chosen by London-based Teens In AI, the group that oversees the event
- 'It is a young girl telling other young girls they can do it. That is a strong statement,' says Justina Ho, chairwoman of IET Hong Kong

Topic: International Women's Day





Promoting AI careers to young women

The Girls In AI Global Hackathons are a prime example of how to do this. Launched by Teens In AI founder Elena Sinel in 2018 after her daughter was discouraged from taking computer science and math courses in secondary school, these events introduce young women from around the world to the potential of AI to create meaningful change. The hackathons are designed to inspire the next generation of AI researchers, entrepreneurs, and leaders – even as they instill the importance of ethics and diversity in the teenagers who take part.

Earlier this year, as part of our partnership with Teens in AI, I was honored to help judge entries in the most recent Girls in AI global hackathon. This event took place online starting in March 2021. It involved almost 1,000 participants from 140 cities in 23 countries, making it the program's most diverse hackathon to date.

Significantly, 78 percent of participants were young women, 90 percent were taking part in their first hackathon, and 72 percent had little or no prior coding experience. Powering the next generation of thought leaders, innovators and technologists in AI.

"As a judge, I was amazed at the challenges these young people tackled – proposing creative, AI-driven solutions for issues related to education, health, and the climate. The team members did a terrific job of defining their projects and created impressive prototypes to showcase their solutions. Their passion was inspiring, and matched by impressive technical skills in people so young." – Anne-Laure Thieullent



SOCIETE GENERALE SUPPORTS TEENS IN AI



Societe Generale supports Teens in AI France, the first bilingual hackathon open to teens to increase diversity and inclusion in artificial intelligence.

The virtual "Teens in AI France" hackathon took place from 9 – 17 January 2021. The hackathon's theme was "accessibility of education for all", in line with the UN sustainable development goals.

More Media



Next Generation: 'Teens in AI' Takes on the Ada Lovelace Hackathon

September 22, 2021 by LIZ AUSTIN



Anne-Laure Thieullent

Executive Vice President - Data, AI & Analytics Group Offer Leader

On April 22nd, I was honored to be asked to be a judge in the demo-day session of the **2021 Girls In AI global Hackathon** organized by **Teens in AI**. During this virtual event, I had the chance to hear from teens, aged eleven to nineteen, pitching their projects, coming from Fiji, Hong Kong, Kazakhstan, India, Pakistan, Azerbaijan, Kuwait, and Kenya.



I was amazed by these passionate teens and how each team has tackled issues closest to them – education, health, charity, or climate action thanks to AI and helping achieve **UN sustainable development goals**.



Upcoming Events



Save the Date!

International Women's Day Hackathon

5th – 20th March 2022

Global Demo Day

28th April 2022

AI Accelerator

25th July – 12th August 2022

Demo Day

14th August 2022

Partner with us

If you wish to join us on our mission as a **Corporate Partner** in 2022, please reach out. We would love to hear from you.



Elena Sinel

Founder & CEO

elena.sinel@teensinai.com



Lucy Navas

**Head of Partnerships
& Ecosystem Building**

lucy@teensinai.com



THANK YOU