

'TKS *Overview* *Package.*



We train the next generation of entrepreneurs, scientists, and innovators.



“The Knowledge Society (TKS) was designed to mirror the environments of major technology companies, exposing learners to the most cutting-edge innovations.”

Forbes

“Kids who apply to TKS are evaluated on their curiosity, ambition, and passion and most TKS students enter the program without a tech or science background.”

FASTCOMPANY

“Ordinary teenagers being recruited into an elite program designed to give them the power to do extraordinary things, and maybe even save the world.”

Overview

Founded in 2016, TKS is the world’s top human accelerator for teens ages 13-17 years old. TKS was developed with CEOs and global leaders, modeled after curriculums from Stanford, Harvard, and MIT, and is designed to replicate the learning environment and culture of Silicon Valley.

5,500+

Students and alumni from across the world.

1,150

Active students in the 2024-2025 program.

450+

Cities represented in our global online programs.

10

Years since inception, founded in 2016.

13-17

Age of students who can apply to join TKS.

10

Month program from September - June.



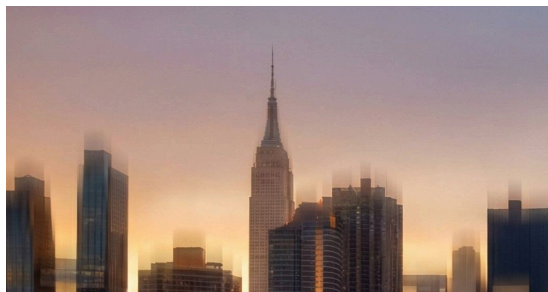
Vancouver



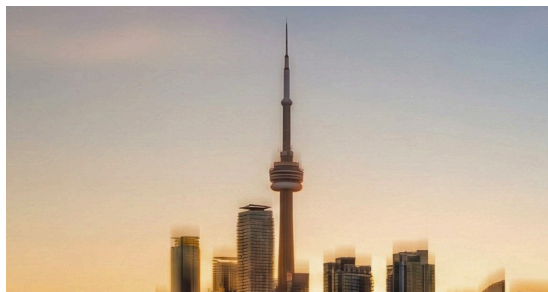
San Francisco



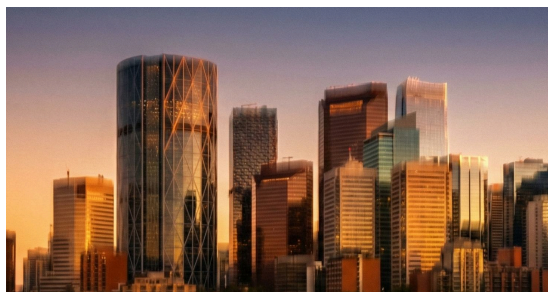
Dubai



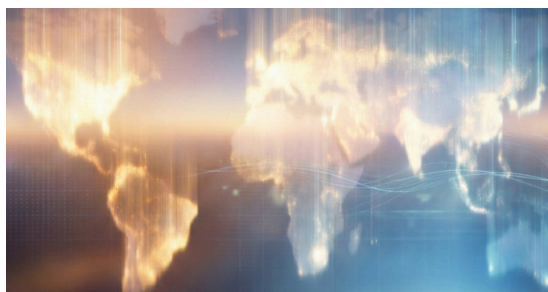
New York



Toronto



Calgary



Global Virtual

Outlier Outcomes

TKS alumni have started venture-backed companies, worked at top research labs, and are amongst the youngest employees at the most innovative companies in the world.

Founders

Alumni have raised over \$100M in capital for their startups.

Raised
\$32,000,000



Raised
\$23,000,000



Raised
\$10,000,000



Raised
\$2,300,000



Innovative Companies

Alumni get offers from the world's most innovative companies.

Autonomous
Vehicles



Consumer
Technology



Artificial
Intelligence



Space
Advancement



Early Employees

After the program, alumni join emerging high growth startups,

Valuation
\$840 Billion



Artificial
Intelligence



Scientific Research

Alumni work on cutting-edge research with top labs.



“If we can train Olympic level athletes from a young age, why can't we train Olympic level CEOs and innovators?”

- Nadeem Nathoo, TKS Co-Founder

[Click here to see alumni stories and outcomes.](#)

Founders

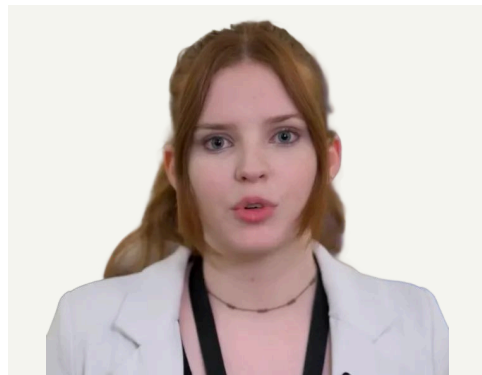
TKS alumni have started companies valued over \$250M.

Mitra



Building next-generation diagnostic platforms using nanomaterials to detect cardiovascular diseases.

Lynx



Non-invasive diagnostics for canine skin cancer - a more accessible and affordable screening tool, powered by AI.

Biogenesis



Developing blood-based diagnostics extending to personalized medicine, clinical trials and emergency testing.

Induced



Pioneering the evolution of actionable AI. Backed by Sam Altman, Nat Friedman, Sequoia India, SV Angel and others.

RIPTK



Implementing wireless 5G energy savings solutions for telecom network operators.

Biotein.



Measuring proteins involved with age-related cellular inflammation, protein damage related to misfolding, and DNA repair.

80eight



Leading stock and FX brokerage company for high-net-worth and retail clients in South Africa.

SKYLOCK



Security for Defi protocols against on-chain exploits by detecting malicious transactions.

AXIOME



Developing low cost, high throughput electronic biosensors to power molecular diagnostics.

Kndrd



Consumer social platform to activate real world (IRL) experiences, launched in New York City.

faura



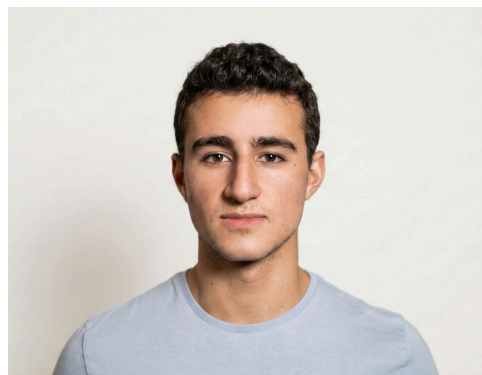
Insurance-tech company that uses prevention data and climate analytics to protect properties.

Utopia Labs



Global stablecoin-powered infrastructure to enable stable banking. Including faster global payments and diverse investing options.

SYNEX



Developing compact, portable technology that provides real-time, non-invasive metabolic blood data to accurately measure metabolites like glucose.

G



Goodcash develops fintech products for credit score management; backed by investors in Facebook, Airbnb, Uber, Dropbox, 776 Fellowship.

Fallyx



Detecting & predicting falls by integrating sensors into targeted for the elderly, clothing. The solution is reducing injuries and death.

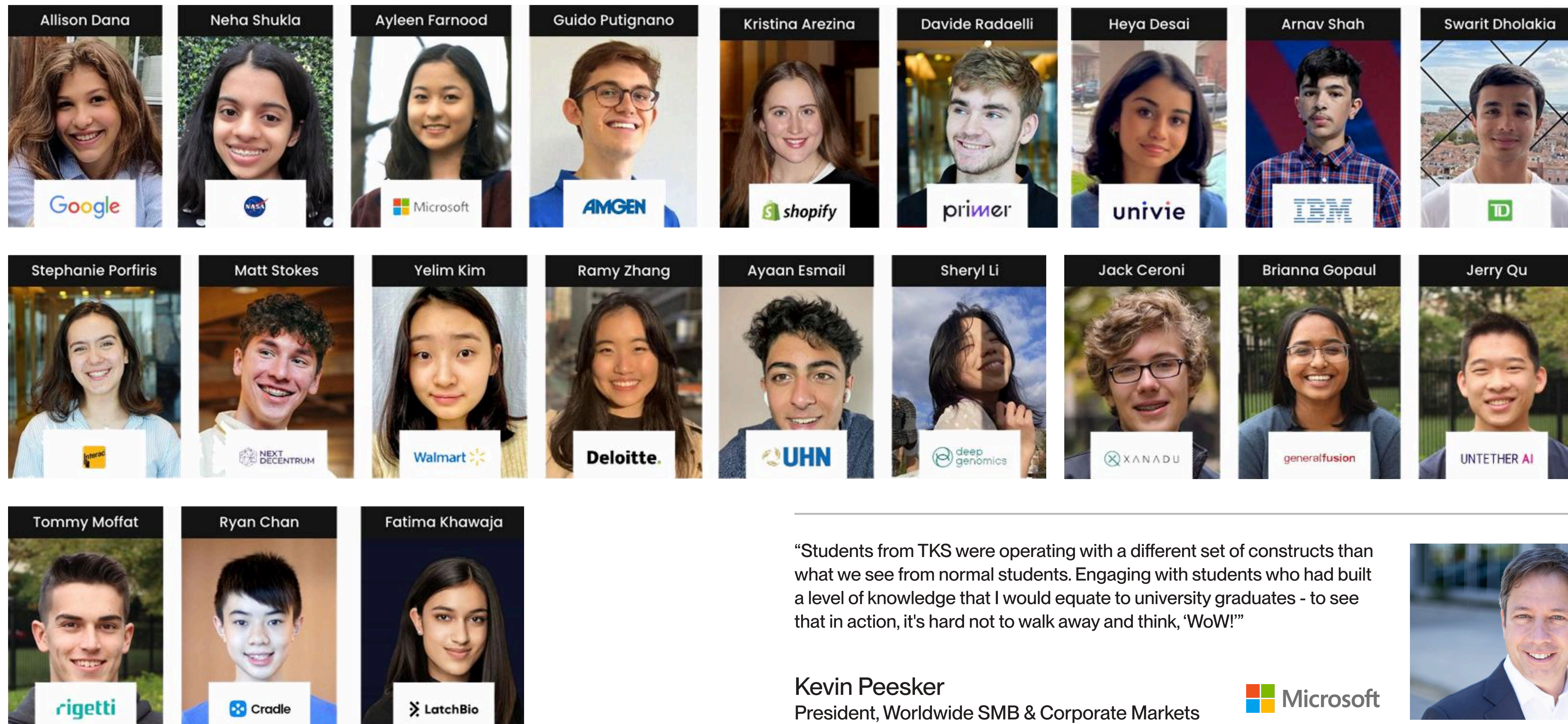
minthouse



Full cycle design and development studio that builds custom solutions for visionary companies

Internships

Many of our students receive summer internships after the program.



“Students from TKS were operating with a different set of constructs than what we see from normal students. Engaging with students who had built a level of knowledge that I would equate to university graduates - to see that in action, it's hard not to walk away and think, ‘WoW!’”

Kevin Peesker
President, Worldwide SMB & Corporate Markets



Program Overview

The next section explains the components of the program.

The Basics

Program Outcomes

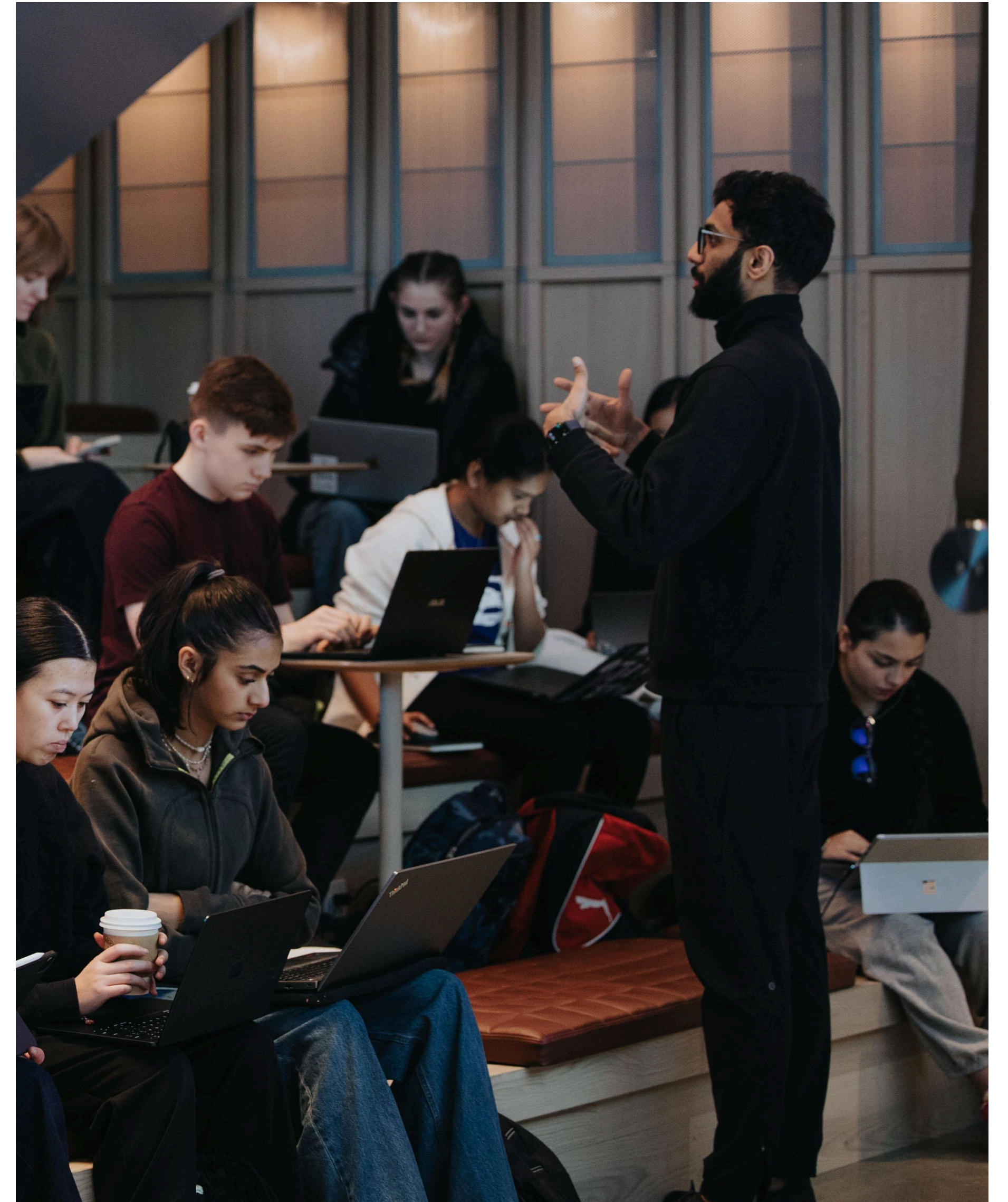
Topics

Challenges

Mentors

Digital Platform

FAQs



The Basics

An overview of how TKS works.

The Basics

TKS is a 10-month program, running from September to June.

Weekly Sessions

Sessions are 3 hours and hosted weekly on the weekends.

In-Person Program

TKS hosts in-person programs in Canada, USA, and UAE.

Mentor Network

TKS has the largest mentor network for teens, with over 350 experts.

Eligibility

Students must be 13-17 years old, and are selected through an interview process.

Innovate & Activate

TKS offers 2 years of programs - Innovate and Activate.

Virtual Program

The online program includes students from over 400 cities worldwide.

Program Directors

Our experienced directors host sessions and provide personalized coaching.



Program Outcomes

What students work towards over the 10-month program.

Professional Portfolio

During the 10-month program, students develop a series of projects in various frontier industries of their choice. Along with the projects, students create videos and articles showcasing their project, explaining how they built it and how it works. These projects enable students to learn transferrable skills and knowledge that are relevant to the workforce, as well as demonstrate their potential to universities and fellowships.

University Admission

Top universities recognize portfolios as a signal of high potential. Our alumni are admitted to the world’s best universities.



Scholarships, Internships, and Fellowships

Students leverage their portfolio to earn scholarships and unique opportunities.



Muhammad Hunain

Building a space shield

I moved to the United States 4 years ago and started high school the very next day. Three years later, I became the student body president and District 25 student representative in New York. I graduated from high school with many leadership awards, and my team was named the best in a decade.

New York City, New York, United States



Projects

Add New Project Projects Posts

2 collaborators · May 2024 - Present · 2 mos

Measuring Space Radiation Shielding Effectiveness

Space Radiation puts limitations on how long astronauts can be outside of their habitats on Mars. Ineffective shielding means less time to do science, leading to extended mission time, and eventually causing adverse health effects to astronauts. The potential of melanin-based materials is a good solution to the particle radiation problem.



View all 4 updates →

Holistic Development

We value each individual at a cognitive and social-emotional level.

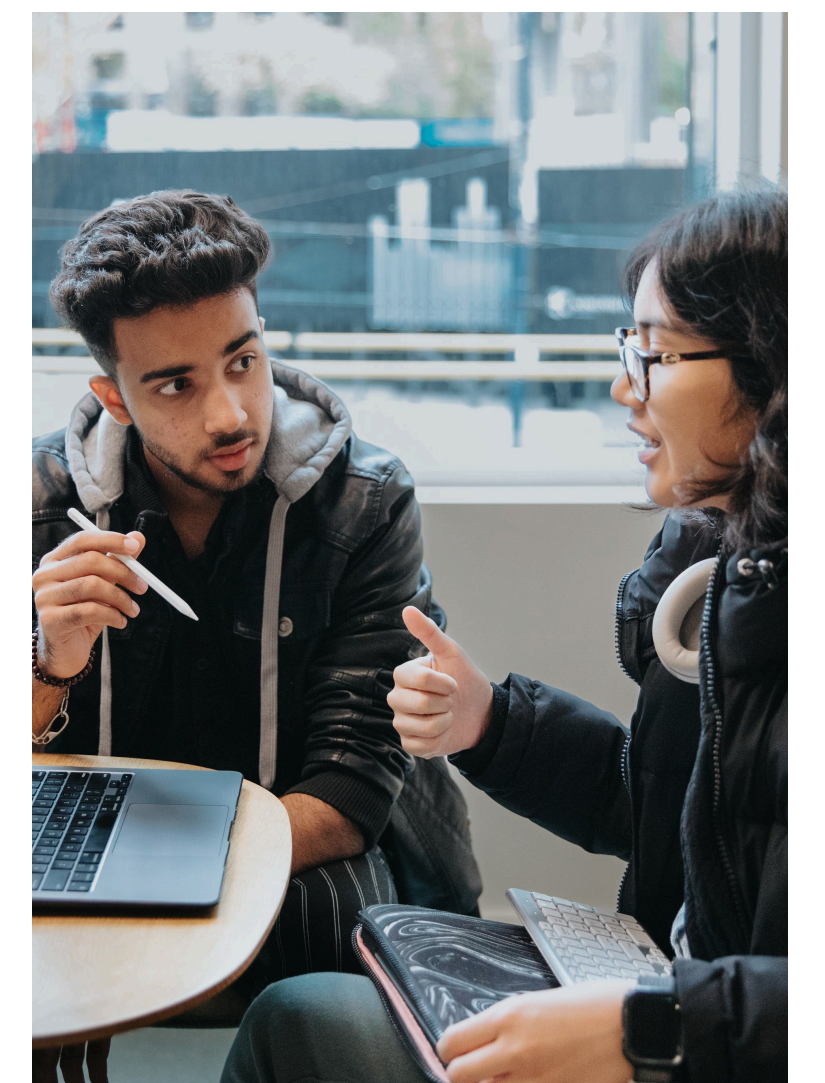
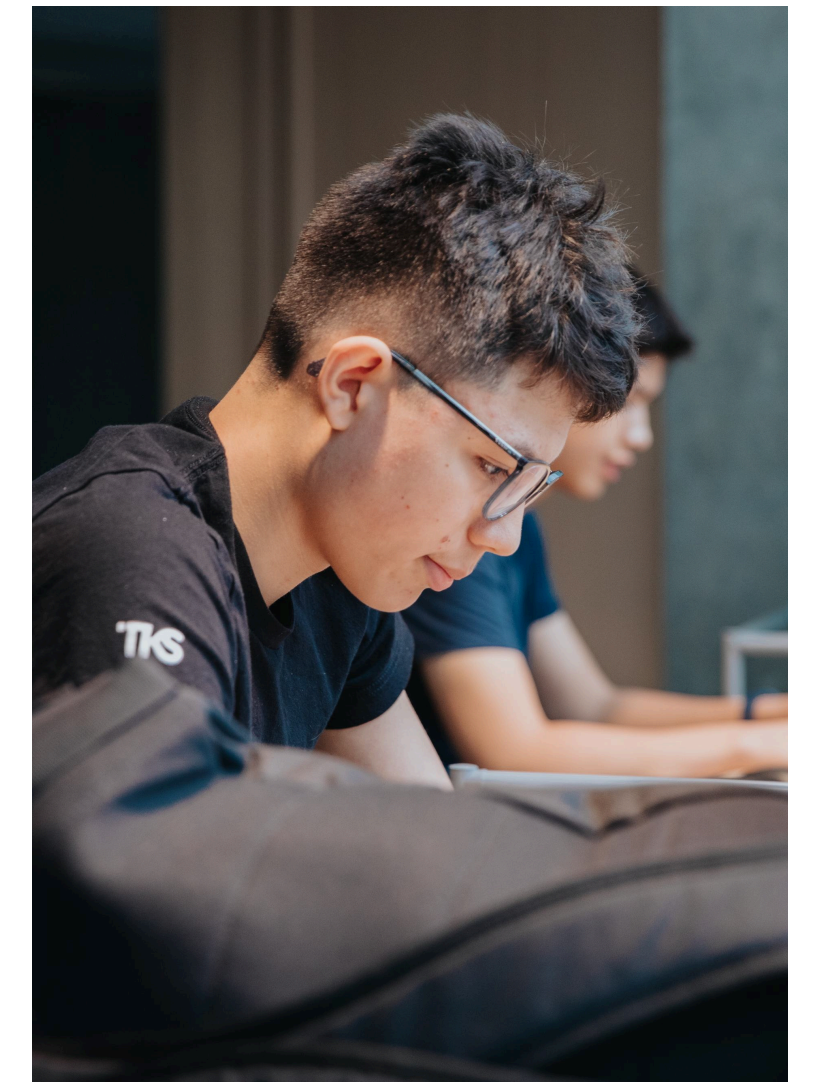
Character Development

Training mindsets is a foundational part of the TKS program to prepare students to succeed in the future. We focus on developing a holistic individual.

Mindsets

Each week students train a different mindset. They study specific people throughout history who have demonstrated those mindsets effectively and learn from them. Below are examples of mindsets students will learn:

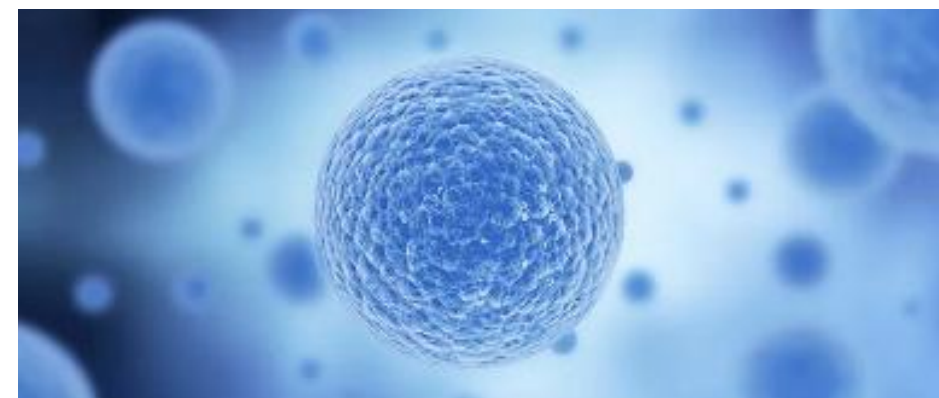
- SELF-AWARENESS
- ANTIFRAGILITY
- GRATITUDE
- CONFIDENCE
- CURIOSITY
- STOICISM
- GROWTH MINDSET
- ACTIVATOR
- SEEKING PERSPECTIVE
- KINDNESS
- FIGURE IT OUT
- FIRST PRINCIPLES THINKING
- MOONSHOT THINKING
- BIAS TOWARDS ACTION
- DONE > PERFECT



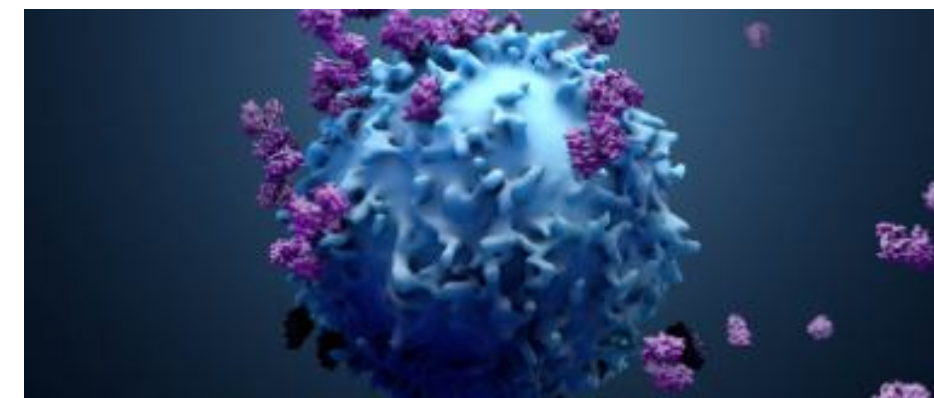
You will learn
about the future of *Science*



Connectomics



Stem Cells



Immunotherapies



Programmable Materials



Regenerative Medicine



Personalized Medicine



Nanotechnology



Clean Energy



Cellular Agriculture



Longevity



Biological Computing



Gene Editing

You will learn
about the future of *Technology*



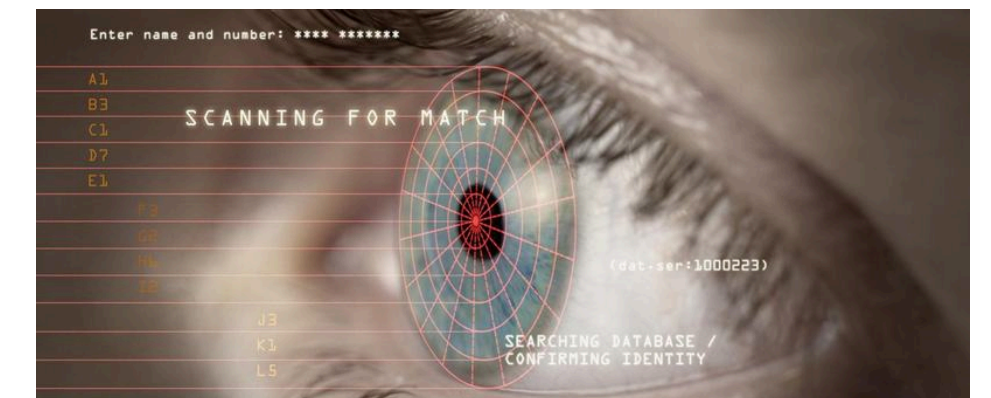
Artificial Intelligence



Bioprinting



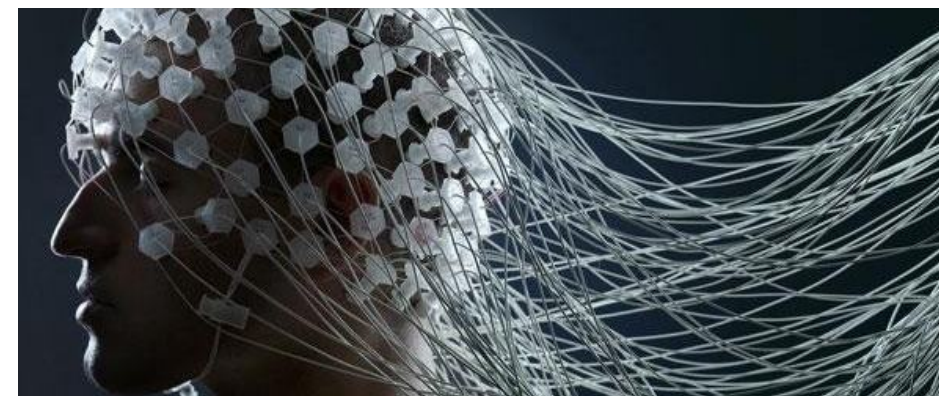
Metaverse



Biometrics



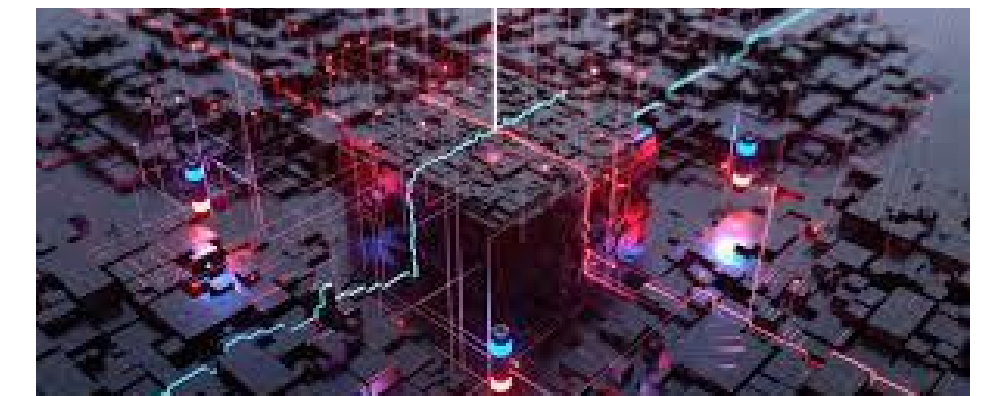
Haptics



Brain-Computer Interface



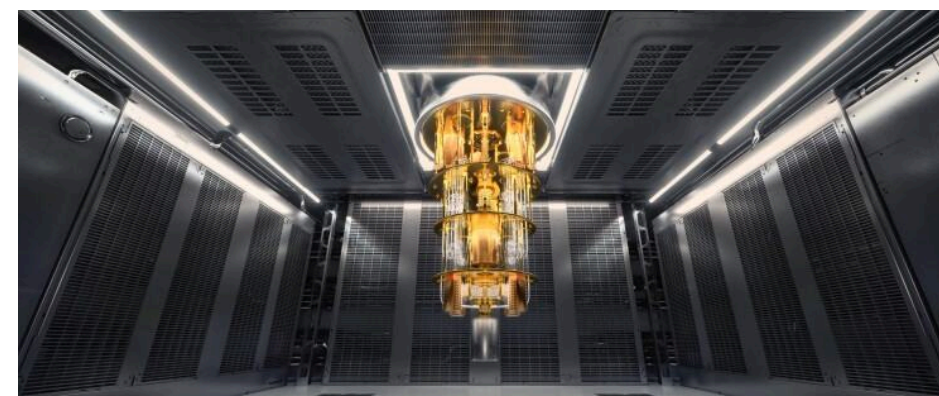
Carbon Capture



Edge Computing



Space technologies



Quantum Computing



Robotics



Solar Energy

You will learn
about the future of *Global Programs*



Bottom Billion



Energy Poverty



Elderly Quality of Life



Maternal Mortality



Medical Errors



Climate Change



Unbanked

Challenges

Work with companies to solve real-world problems that don't have solutions.

United Nations

Shell

Microsoft

Overview

TKS collaborates with global organizations on current problems they are trying to solve. Over 8 weeks, students work on these same problems in tandem and develop a recommendation deck with their findings.

Skills Developed

During the challenge, we train students to use real-world skills as they develop solutions and recommendations for the company.

- FINANCIAL ANALYSIS
- ANALYTICAL SKILLS
- COMMUNICATION
- SLIDE DECKS
- CUSTOMER DISCOVERY
- DESIGN (UX/UI)
- STRATEGIC DECISION MAKING
- REAL-WORLD UNDERSTANDING



JAMSHED KAZI,
UN WOMEN - INDONESIA

“I received an email from a group of 15-16 year girls from TKS who sent me a slick, professional slide deck with concrete suggestions on scaling women entrepreneurship. Better than most top-tier consultants.”

OUR PARTNERS

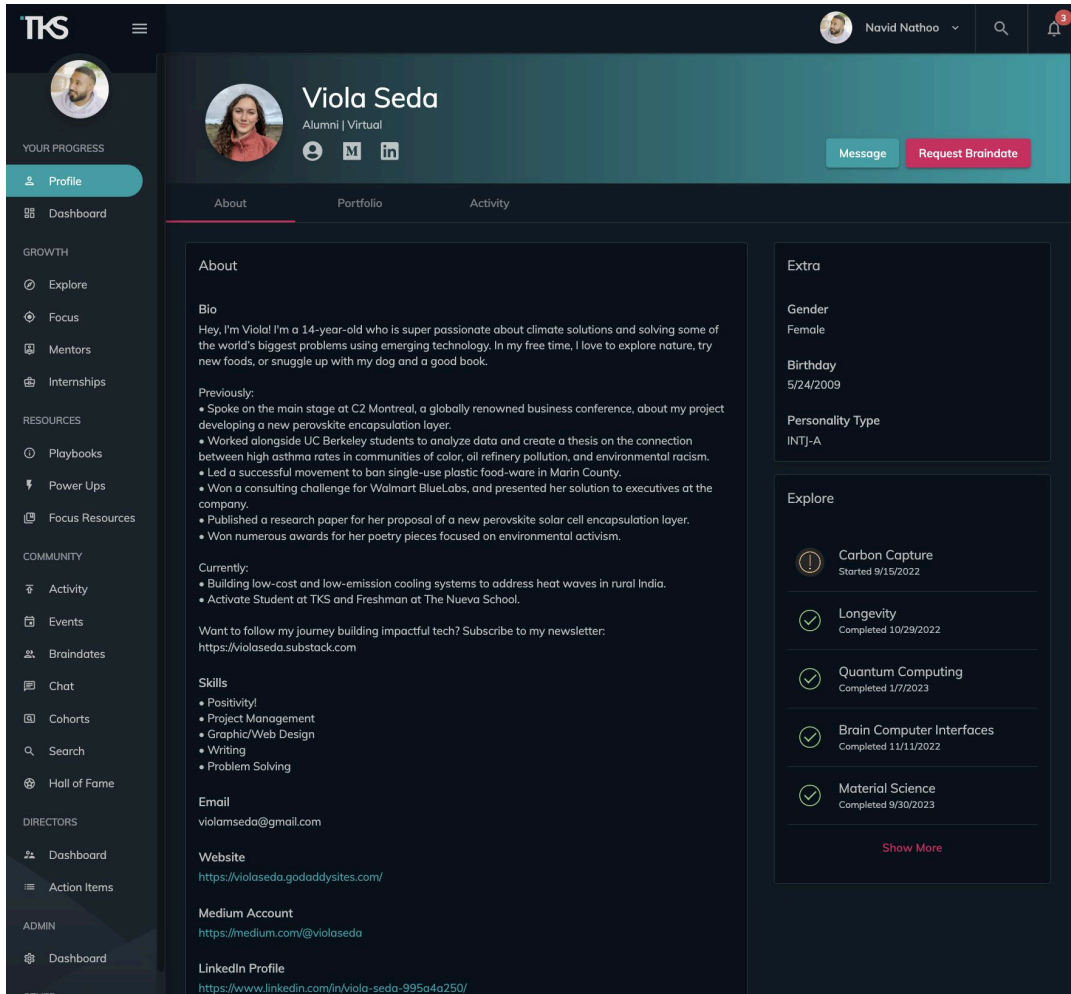


Digital Platform

We developed an in-house platform to accelerate student growth.

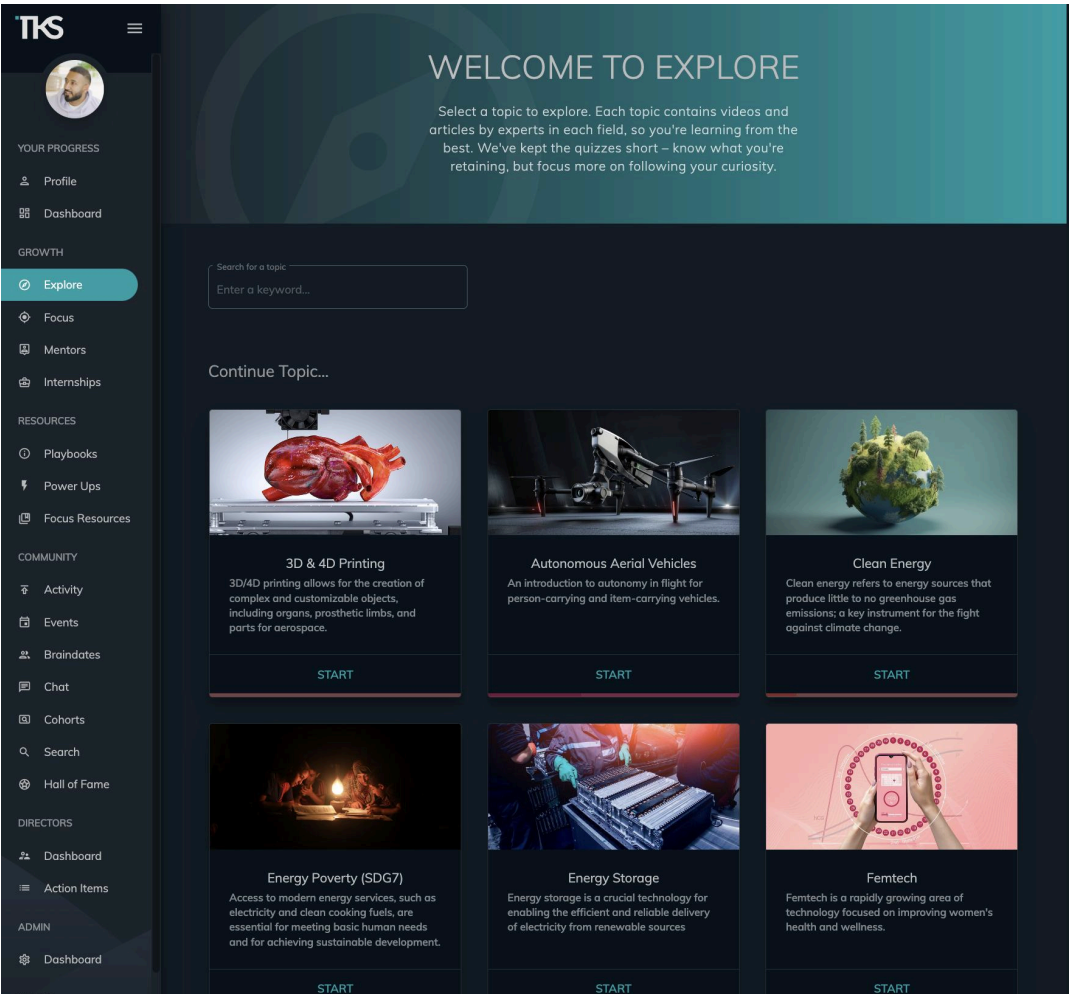
Portfolio

Each student has their own public portfolio where they can showcase their progress and projects.



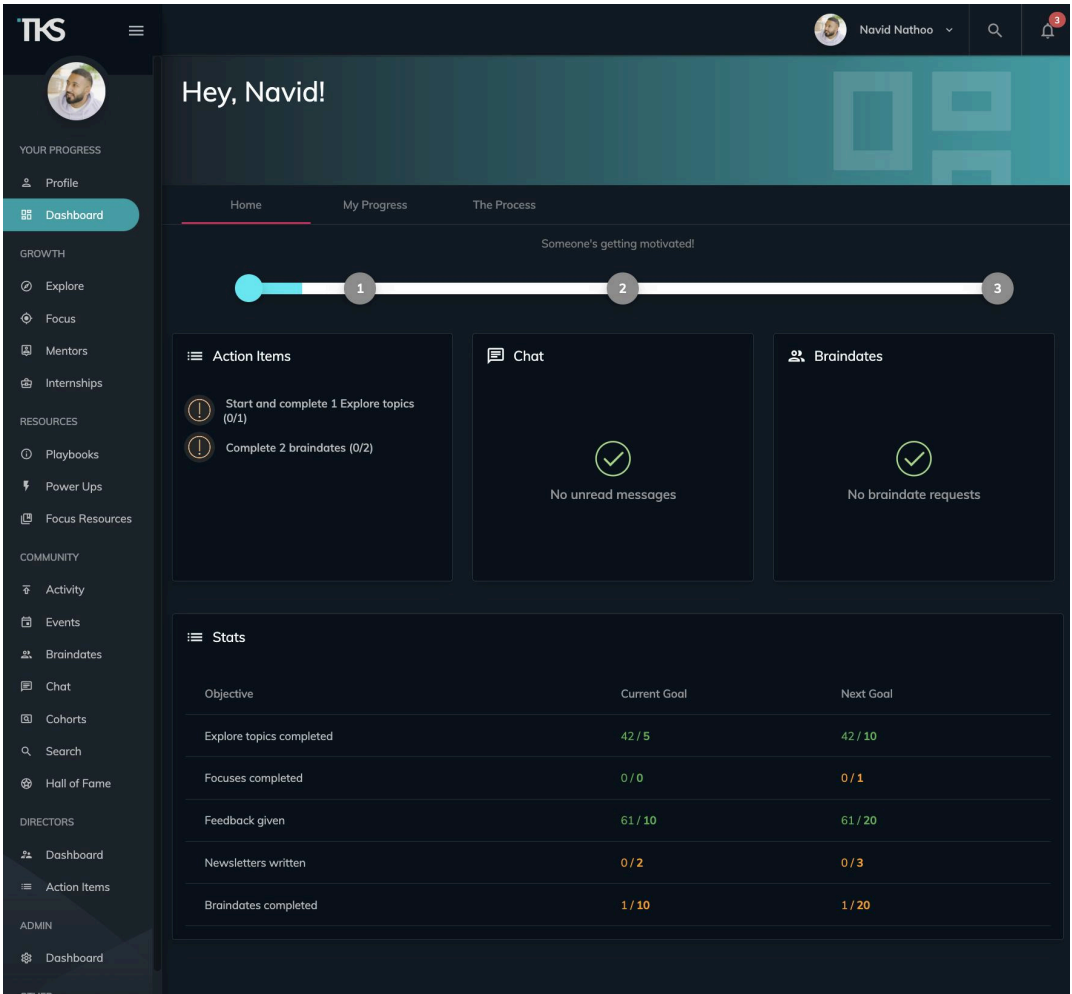
Explore Modules

Students can learn about over 40 frontier industries and global problems at their own pace.



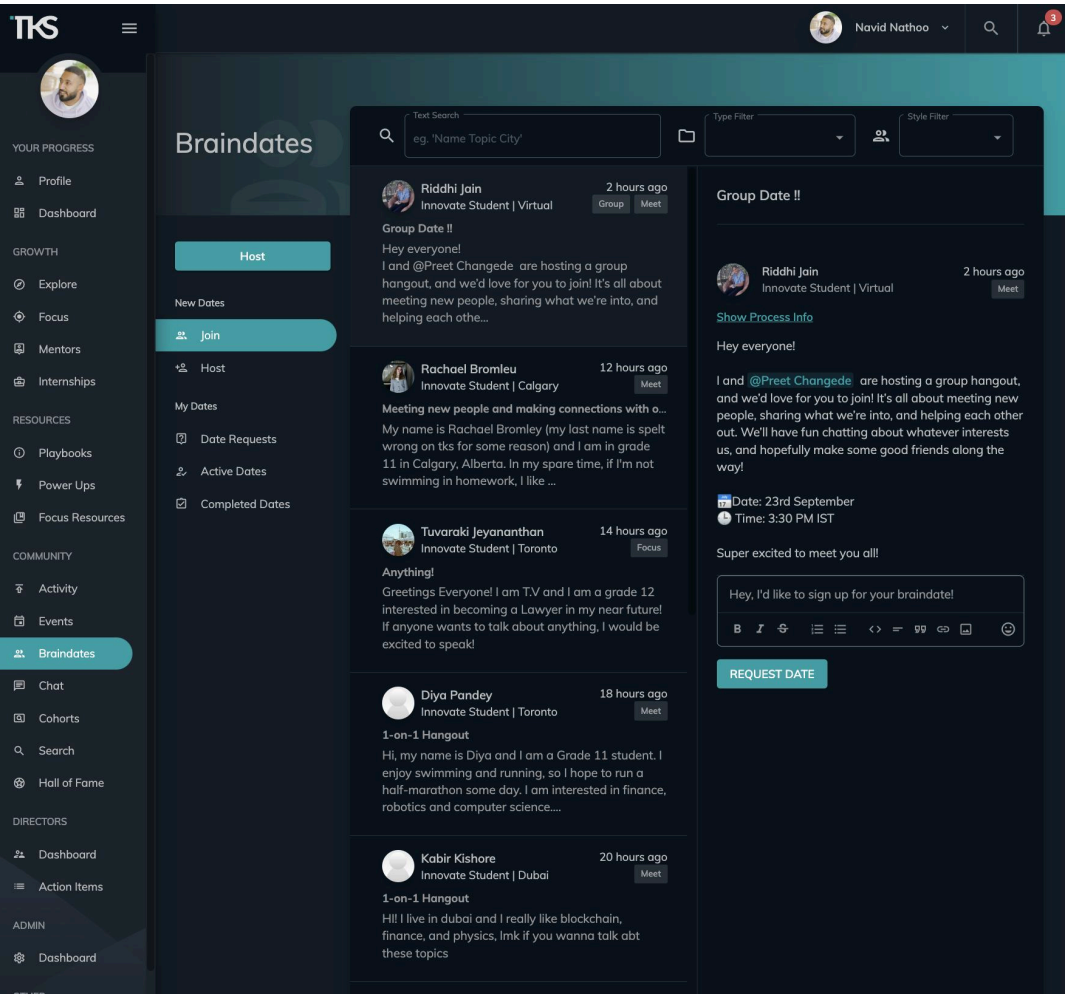
Objectives

Progress through objectives in TKS. We designed a gamified objective-based system to personalize learning.



Braindates

Build relationships with students and alumni worldwide through our Braindate platform.



How are students selected?

During the application and interview process, students are evaluated on four areas: curiosity, drive, desire to make impact, and openness to build relationships with like-minded people. TKS doesn't look at school grades; instead focuses on future potential.

Do I need technical knowledge to join?

No, students don't need previous technical knowledge or coding skills to join. There are no prerequisites for the program as everything is learned during the 10 months. All that's required is a strong willingness to grow and a deep curiosity.

What topics can I study at TKS?

Students choose to focus on whatever interests them - we prioritize curiosity. The first phase of TKS is called "Explore", where students learn about various topics. Once they've found a topic they're interested in, they enter the second phase called "Focus".

How long does the program run for?

The program is 10 months and runs from September-June. During that time, students attend weekly sessions, received personalized coaching, and participate in events including guest speakers, workshops, and more.

What's the time committment?

The weekly sessions are 3 hours. Outside of sessions, students work on a variety of projects. There are no set time requirements, however students who grow the most during TKS typically allocate 5-10 hours weekly to their projects.

FAQs

Frequently asked questions.



Closing Remarks

A final note from our founders on why they created TKS.

The world is exponentially changing, but the systems we have to develop human potential are stagnant.

We have the tools to solve the world's biggest problems, but our greatest resource-human potential-remains untapped and underdeveloped.

Human development is about cultivating curiosity, resilience, and a mindset that thrives on solving complex problems.

We need to empower the next generation to ask the right questions, to challenge the status quo, and to see themselves not just as students or workers, but as leaders and creators. Because the future belongs to those who are willing to see beyond what is and envision what could be.

"The limit of human progress is the ambition of the most ambitious."

- Navid Nathoo, TKS Co-Founder

We designed TKS to create environments where young people can experience the forefront of technology and innovation, where they can work on real-world problems, and where they can learn to create the future. This isn't just about preparing for a career-this is about preparing to shape the future of humanity.

We have a responsibility to build systems that unleash the boundless potential within each of us. We need to challenge ourselves to be more, to do more, and to create more. Because the world doesn't just need more technology-it needs more people who are equipped and inspired to use it for good. The greatest breakthroughs won't come from machines; they will come from minds that are trained to dream, to create, and to impact.

- Navid & Nadeem Nathoo

Appendix

Content to showcase successful outcomes of TKS alumni,
and the guiding principles behind our program.

Success Stories

Student Journeys

TKS Talks

Partner Videos



Success Stories

Outcomes from our alumni.



Alexander Wu | TKS 2017

Utopia Labs raises \$23M led by Paradigm Capital.



Valkyrie Holmes | TKS 2019

SpaceX engineer and founder of Ember Bazaar.



Ben Nashman | TKS 2016

Synex Medical: Non-invasive glucose detection technology.



Ayaan Esmail | TKS 2017

Founded Fallyx to predict and detect senior falls.



Ananya Chadha | TKS 2016

Brain-Computer Interfaces at Neuralink.



Kevin Zhu | TKS 2019

Early cancer detection using genomics at Stanford.



Michael Trinh | TKS 2018

Managing Director at Nucleate, global biotech leader.



Success Stories

Outcomes from our alumni.



Samarth Athreya | TKS 2017

Axiome raises \$8M for next-gen molecular diagnostics.



Jay Parthasarthy | TKS 2016

Atomic Semi valued at \$100M for semiconductor fabs.



Nina Kera | TKS 2017

Co-founder of human longevity startup, Biotein.



Liam Hinzman | TKS 2018

Blockchain powered hedge fund at Numerai.



Isabella Grandic | TKS 2018

Full-ride Morehead-Cain scholarship to UNC pursuing biotech.



Shagun Maheshwari | TKS 2017

Material science and machine learning at Tesla.



Adam Majmudar | TKS 2019

Founding engineer at Thirdweb valued at \$160M.



Student Journey: Krishiv

Launched a revenue generating AI x Education product.

Through TKS

- Built an AI-powered chrome extension
- Built 3 AI web apps
- Spoke at World Summit AI
- Invited to the Villars Symposium as a fellow
- Keynote speaker at Microsoft Canada's HQ
- Started Aceflow.org - EdTech Startup

END of TKS

- Invited to Explore and 2E Fellowships
- Received funding from Emergent Ventures for AI x Education startup, Aceflow
- Received internship at BenchSci / won TKS BenchSci Summer Challenge
- Won TKS Interac Challenge
- Spoke at GITEX Global, the world's biggest tech and startup show
- Invited to speak at Encode Justice's Conference in New York
- Accepted into Stanford ASES Summit
- Received funding for trip to San Francisco by Inflection Grants
- Received funding from 1517 to build out a startup in the fusion industry
- Invited to speak at TEDxVail Youth
- Received part-time job offer from Z Fellows



Krishiv Thakuria, Toronto 16 years old

“Activate doesn't change your life, it changes your life + the billions of other lives you'll have the potential of changing after the program's training. Innovate ignited the flame in my heart determined to solve big problems, but Activate's given my mind the mental models, frameworks, and tools to turn my ambition into actualization. It's like Neuralink for making dreams real. I wake up every morning filled with joyful fulfilment and an enchanted sense of luckiness getting to apply what I'm learning through Activate into projects I'm obsessed with. Activate is not just educational; it's helped me design a life I love, doing work I love.”



Emergent Ventures



Student Journey: Elanu

RISE Global Winner & incoming freshman at Stanford.

Through TKS

- Built projects in solar energy, materials informatics, and AI
- Got access to a scanning electron lab to characterize and observe quantum dots
- Started exploring atmospheric water harvesting and received \$3.5k to execute experiments

END of TKS

- Achieved Rise Global Winner status, securing funding for projects and higher education; utilized resources to advance research, development, and educational pursuits, driving tangible global impact
- Accepted into Stanford University to study engineering
- Built a proof-of-concept for a water harvesting material within a lab to address water scarcity and sustainability challenges
- Featured on UNDP's Chats with STEMInists Podcast discussing insights on the Metaverse & the future of education for girls in STEM
- Panelist at This Week in Voice S9E7 round table discussion on AI



Elanu Karakuş, Turkey 18 years old

“The skills we covered in Activate sessions showed me how to tell a story in my Stanford application. TKS taught me how to find interesting ideas and create my own opportunities, and now I feel more confident in myself to utilize the resources of Stanford to make a real change in the world. I also am very thankful to the TKS community for answering my questions, assisting me, and celebrating me during college applications, and beyond.”



Student Journey: Lauren

Invited to meet with Harvard professors at neuro-oncology research labs.

Through TKS

- Built project in brain-computer interfaces
- K-12 Panel Speaker @ Stanford Neurodiversity Summit 2022
- Inaugural Board of Directors Member for Institute of Neurodiversity Canada
- Received paid BCI + HCI Research Internship @ EdGe - TERC

END of TKS

- 2023 Elsa's Touch Scholar, receiving full paid scholarship attendance to the 28th Annual Meeting and Education Day of the Society for Neuro-Oncology in Vancouver
- Spent a week in Boston, MA, meeting and touring computational cancer research labs at Harvard Medical School
- Selected attendee at 1517 2E Camp held in San Francisco for exceptional teens across the globe hosted by Michael Gibson & Danielle Strachman
- Stanford Neurodiversity Summit Organizing Committee Member 2023, & Co-Panel Moderator
- Stanford Neurodiversity Summit Organizing Committee Member 2024
- Neurodiversity Guest Speaker



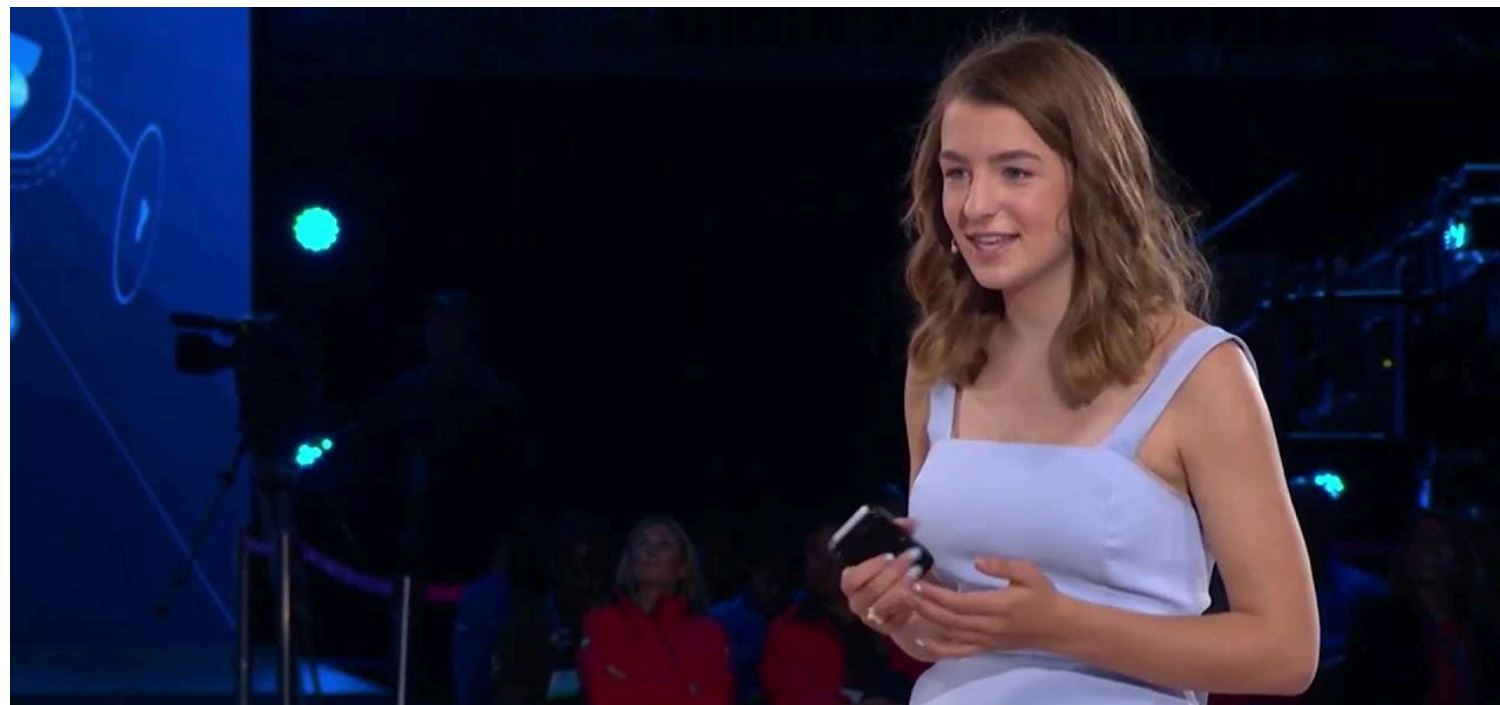
Lauren Pearson, Toronto 20 years old

“One of the most valuable aspects of the program for me has been the ability to receive world-class guidance and mentorship from our directors. With just a text message, I have been able to get personalized coaching calls that have helped turn my aspirations of pursuing oncology research at Harvard into a reality. Through these calls, I have been able to strategize my goals into quantifiable action items and build my technical expertise in neuro-oncology. Allowing me to subsequently develop lasting relationships with industry professionals at Yale University and the Artificial Intelligence in Medicine (AIM) program at Harvard School of Medicine, which I am going to visit in-person later this month.”

TKS Talks

PRESENTING GLOBALLY

Watch TKS students and alumni sharing their projects at conferences around the world



[Click here to watch TKS alumni and students sharing their ideas](#)

WEB SUMMIT

Watch TKS students present at the largest technology conference in the world



[Click here to watch TKS students present at Web Summit](#)



TED TALK



Check out TKS Alumni Riya's TED Talk sharing her story and predictions for the next 100 years



[Click here to watch Riya's talk](#)

TED Talks

We developed an in-house platform to accelerate student growth.

Navid, TKS Co-Founder

Check out Navid's talk about his views on Code, Chaos, & the End of Work



[Click here to watch Navid's talk](#)

Jennah, TKS Program Lead

Watch Jennah share her perspective on honesty and transparency

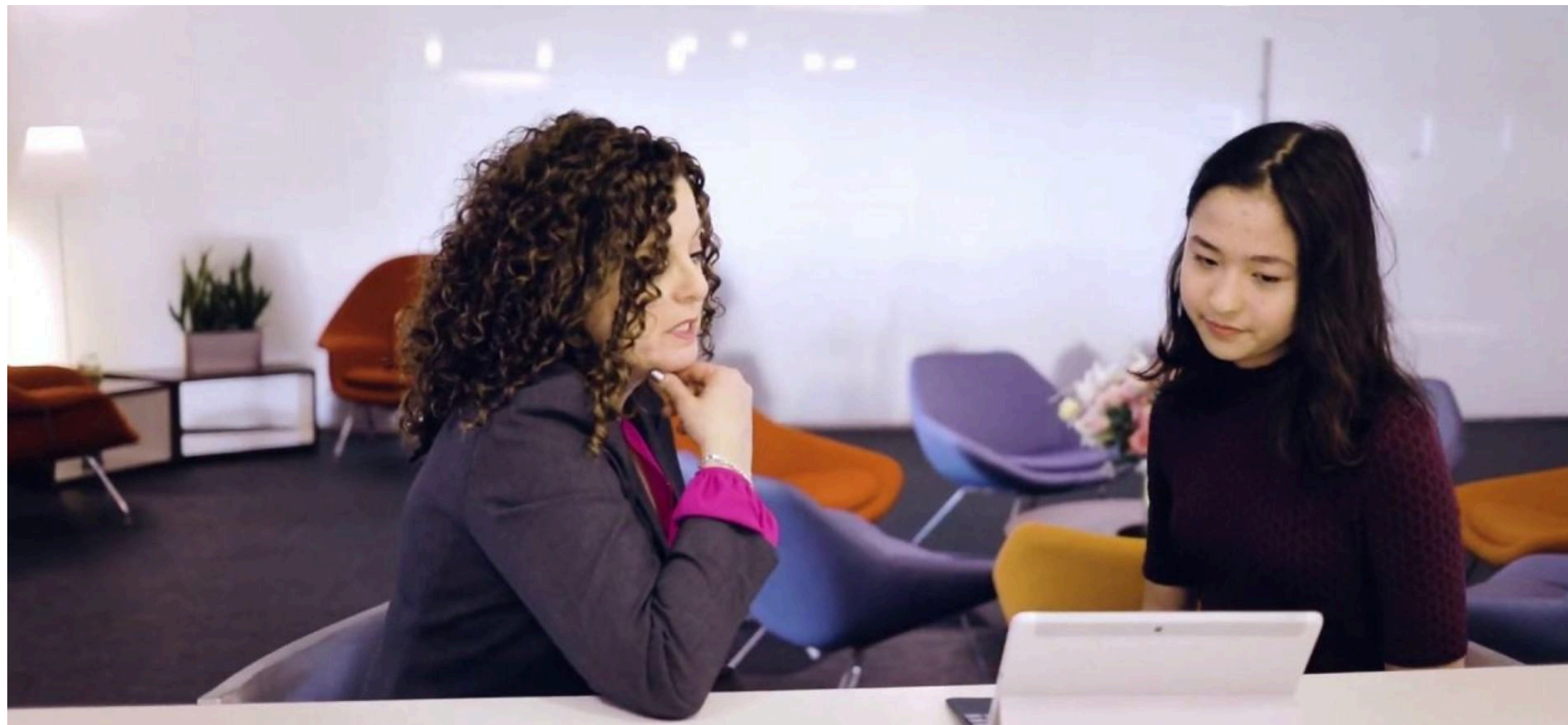


[Click here to watch Jennah's talk](#)

Partner Videos



Hear about Microsoft's experience working with TKS students.



[Click here to learn about Microsoft's experience](#)



Hear about CIBC's experience working with TKS students.



[Click here to learn about CIBC's experience](#)

TKS

Create
the Future.



tks.world