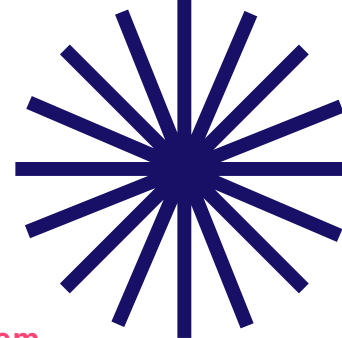


About STEMpath



STEMpath is a 24-credit graduate-level computer science certificate program.

This program combines industry-driven coursework, work-based learning through externships, and professional learning for educators at all grade levels and disciplines. STEMpath increases the number of highly qualified STEM and Computer Science (CS) teachers, creates relevancy and excitement for students, and ultimately creates a system change by increasing the number of students entering the STEM workforce. Each STEMpath cohort is made up of teachers from all grade-levels and disciplines across the U.S.

"I feel as a female computer science teacher that it is my duty to inspire students to follow the computer science path. I would love to see more female students join the STEM path as there are many open opportunities [in] STEM."

— Suzanne Dunlap, STEMpath alumni 2022,
Computer Programming and Business Studies Educator





Our Vision

In 2015, Kellie Lauth, a seasoned STEM educator and administrator, united with Melissa Risteff, an accomplished technology executive and edtech founder. With a collective passion for equitably broadening participation in STEM, they formed a meaningful education + industry partnership. In 2018, STEMpath was conceived.

Our Mission

1

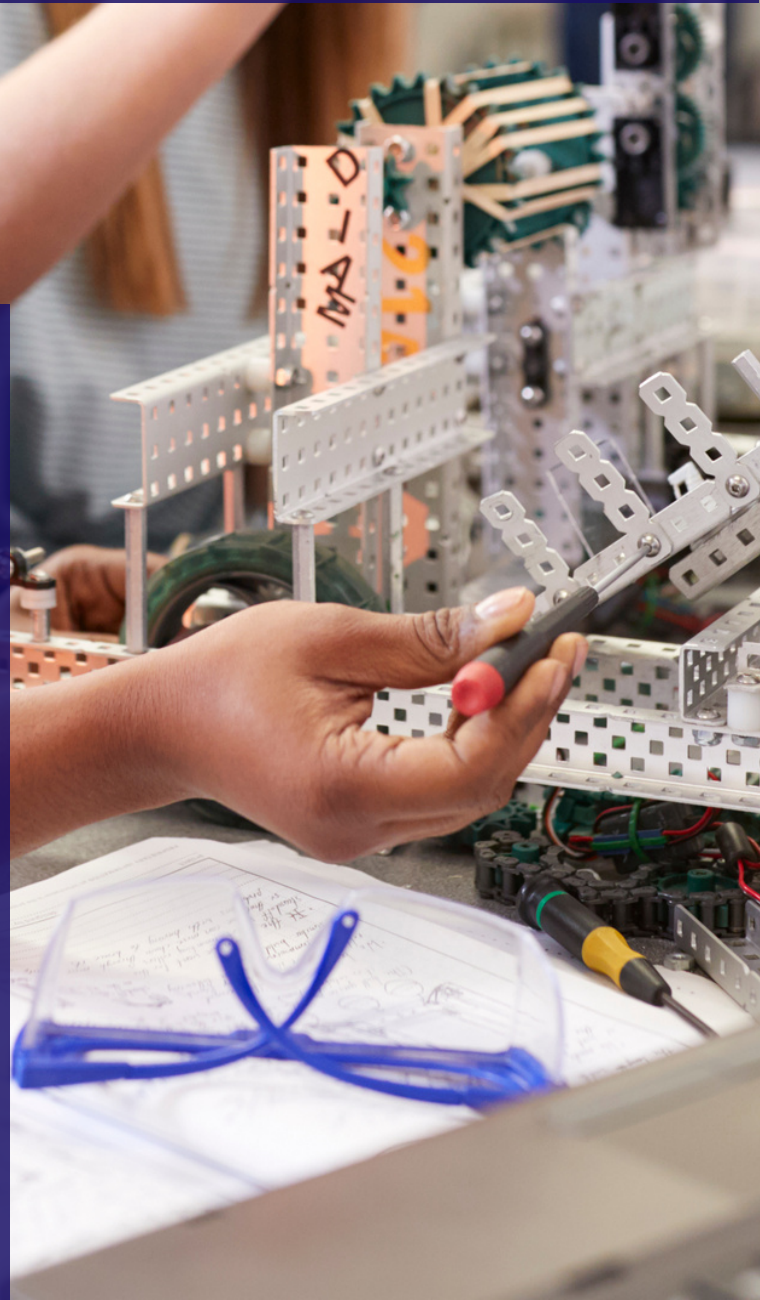
Increase the number of Computer Science and STEM-focused educators in K-12 spaces.

2

Increase education to employment pathways for students with qualified STEM educators

3

Deliver exceptional professional development experiences which integrate relevant work-based externships within industry.



Our Value

STEMpath educators are the key to a sustainable STEM pipeline.

STEMpath is focused on upskilling educators in CS, and they do NOT already have to be qualified in math and science. STEMpath spans critical Management Information Systems disciplines, not just CS and coding.

STEMpath integrates equity-centered design thinking and career literacy to make CS teaching and learning practices culturally relevant and more meaningful to girls and underrepresented students.

50%

of public school districts report difficulty recruiting STEM Teachers.

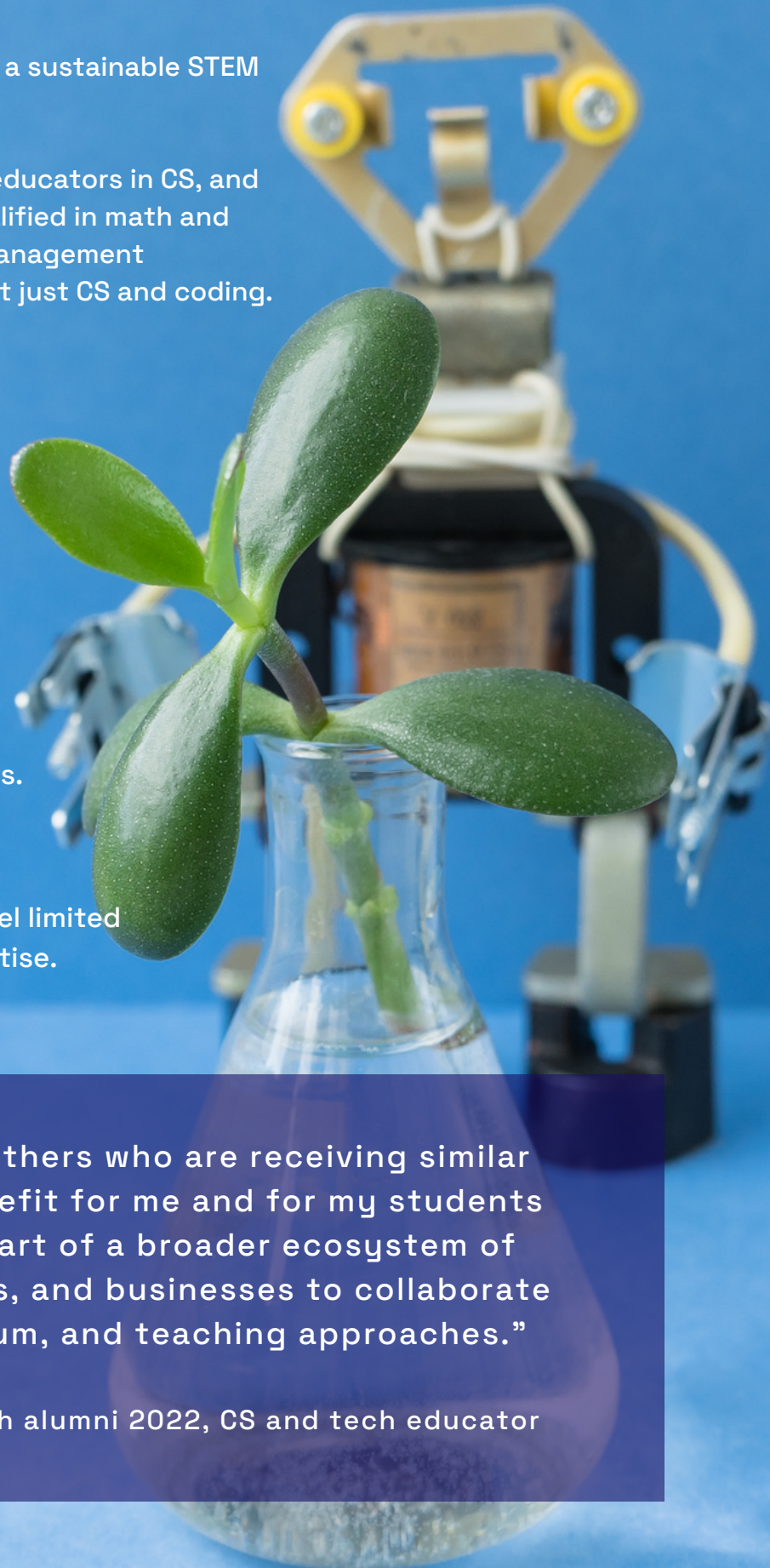
27%

of computer science educators feel limited by their own subject matter expertise.

“

“Having a cohort of others who are receiving similar training is a huge benefit for me and for my students because we’ll be a part of a broader ecosystem of educators, non-profits, and businesses to collaborate on projects, curriculum, and teaching approaches.”

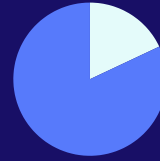
— Sean Wybrant, STEMpath alumni 2022, CS and tech educator



STEMpath Fact Sheet



4,495 hours of industry externships have been completed by STEMpath participants.



STEMpath cohorts are on average 18% male educators and 82% female educators.



In 2022, over 20% of the educators we upskilled were Hispanic or Latino, while 14% were Asian or Multiracial.



The MindSpark Educator community is strong. 25% — a full quarter — of our enrollees come from personal referrals.

19,000+

students have been impacted by STEMpath with plans to reach thousands more in the future.

100% of the educators who participated in STEMpath believe that:

- ▶ It adds measurable value to their profession
- ▶ They have the skills required to make a positive impact on their organization
- ▶ They leave with a plan to apply what they have learned into their teaching practice
- ▶ They have the tools to boost engagement amongst stakeholders in their organization
- ▶ They have the critical thinking skills necessary to promote an equitable environment
- ▶ They are more confident in engaging with leadership opportunities



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www.mindspark.org/stempath



Let's connect:

[@mymindspark](https://www.instagram.com/mymindspark)



Apply to STEMpath

