Computer Science
America’s Untapped Opportunity
The Job/Student Gap

Student Breakdown:
- **Computer Science Students**: 2%
- **All other math and science students**: 98%

Job Breakdown:
- **Computing Jobs**: 60%
- **All other math and science jobs**: 40%

Sources: College Board, Bureau of Labor Statistics, National Science Foundation
1,000,000 Unfilled Jobs by 2020

- 1,000,000 unfilled programming jobs
- 400,000 computer science graduates
- $500 billion opportunity

Sources: BLS, NSF, Bay Area Council Economic Institute
Fewer CS majors than 10 years ago (and a shrinking % are women)

Sources: National Science Foundation
Exposure to CS leads to the best-paying jobs in the world. But AP CS is only available in 5% of high schools.
Technology affects every field
This isn’t just about tech companies

- 67% of software jobs are *outside* the tech industry – in banking, retail, government, entertainment, etc
- We need ALL our children prepared for the 21\textsuperscript{st} century

“Knowledge of computer programming is as important as knowledge of anatomy when it comes to medical research or clinical care”

Larry Corey,
Fred Hutchinson Cancer Research Center
A growing need for problem-solving skills, across all jobs.
Our Vision:
every school
every student
opportunity