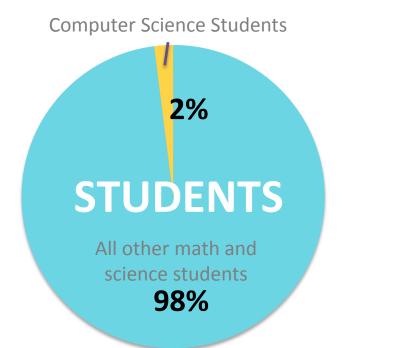


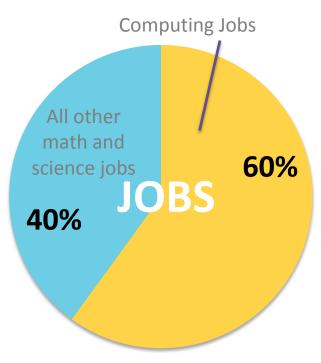
Computer Science

America's Untapped Opportunity



The Job/Student Gap

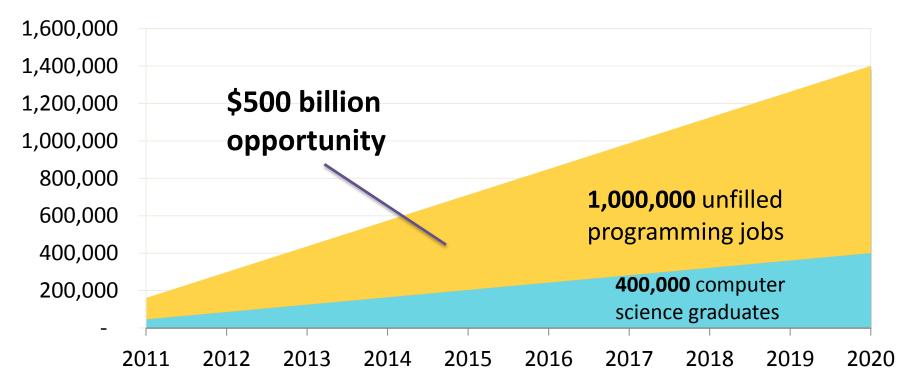




Sources: College Board, Bureau of Labor Statistics, National Science Foundation

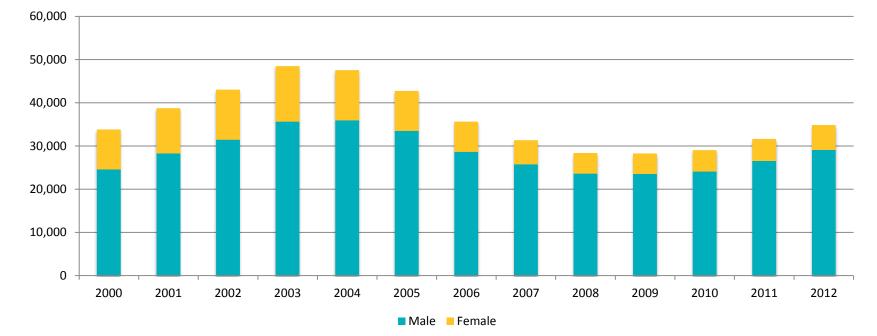


1,000,000 Unfilled Jobs by 2020





Fewer CS majors than 10 years ago (and a shrinking % are women)



Sources: National Science Foundation



2012 High School A.P. Enrollment 1,200,000 Exposure to CS leads to the best-1,000,000 paying jobs in the world. But AP CS is only available in 5% 800,000 of high schools 600,000 Only 15% of this tiny box 400,000 are girls. 8% are African Americans, or Hispanics. 200.000 0 History English Math Art + Music **Computer Science** Science Foreign Languages **Economics**

Sources: College Board



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 21st 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



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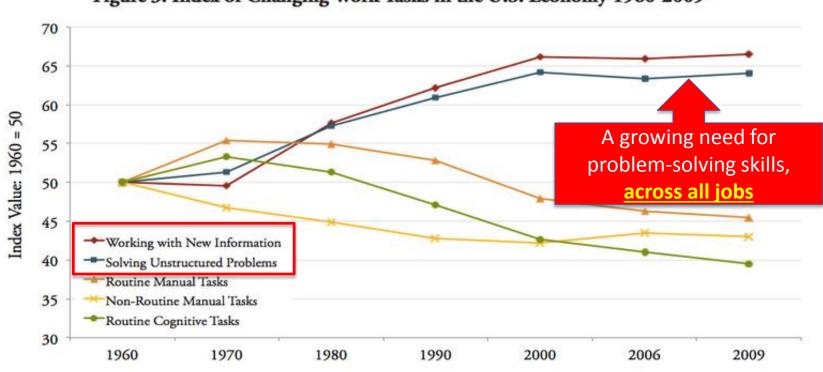


Figure 3: Index of Changing Work Tasks in the U.S. Economy 1960-2009²¹

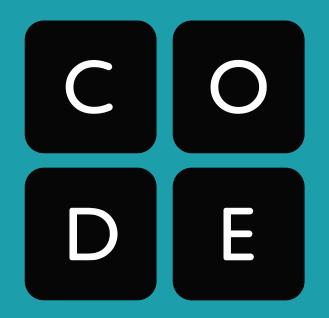
Source: Dancing with Robots - Human Skills for Computerized Work, Levy and Murnane, 2013

Our Vision:

every school

every student

opportunity



@codeorg #hourofcode