CS Education Quick Facts

At the high school level, computer science is one of the most understudied, underrepresented academic subjects in the United States today. At the same time, the need for students to graduate high school with programming skills and a Computer Science way of thinking is at an all time high. Below are some facts and figures which highlight the need for America’s high schools to adopt computer science curriculum on a large scale. These statistics drive CodeHS in our mission to introduce high schoolers to the incredible world of computer science.

19% American high schoolers who have taken a computer science course
5% U.S. High Schools that offer an AP Computer Science course
18% Computer science degrees earned by females
*Down from 29% in 1990

Computer science is on average the highest paid college major upon graduation
1,000,000 Jobs in the computer science field that will go unfilled by 2020
#1 US News put software developer at #1 on their 2014 100 Best Jobs list

As the technology industry continues to expand and evolve, students who graduate high school with a foundation in computer science will have a huge advantage over those that do not. CodeHS believes that all schools should provide their students with the chance to succeed by introducing them to the opportunity-filled world of computer science.

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*according to US News, College Board, Time, Forbes