2013 CS4HS Teacher Workshop

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Introduction



Kosta Damevski



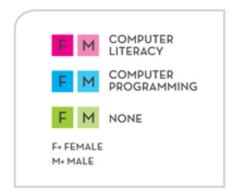
Hui Chen

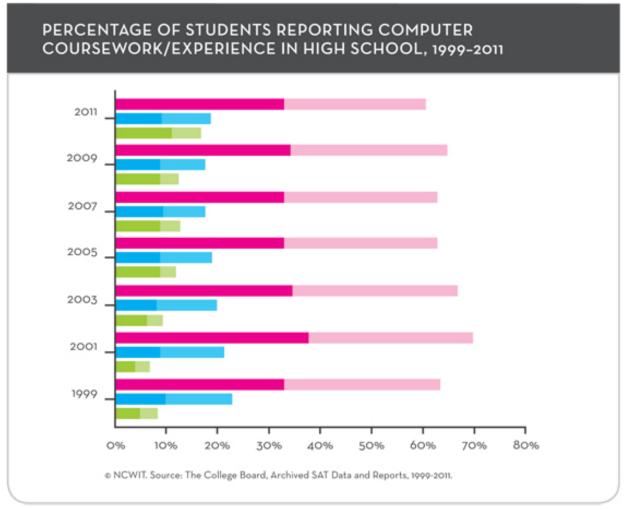


David Walter



Why are we here today?

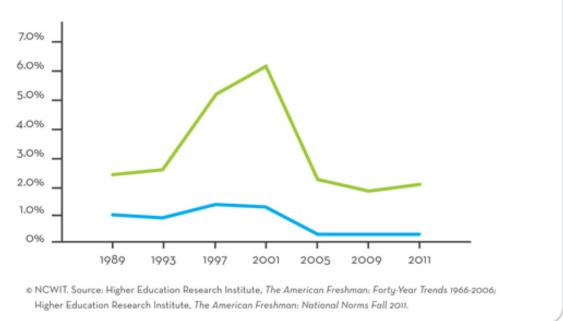


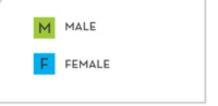


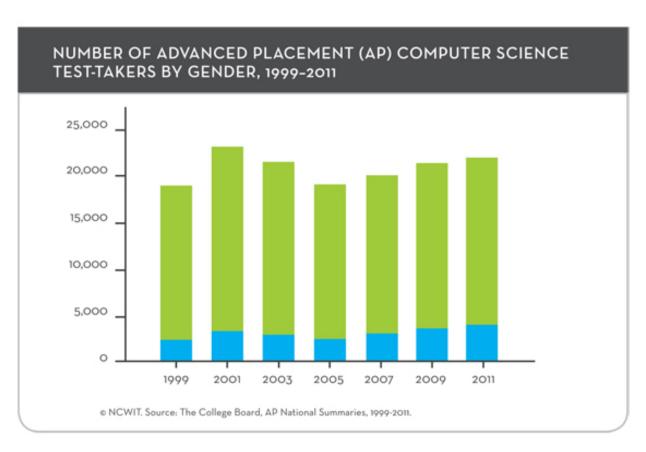


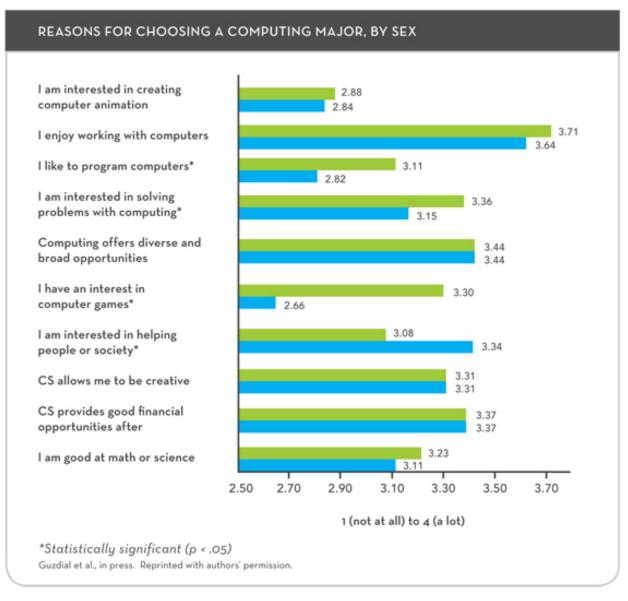
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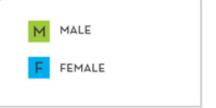




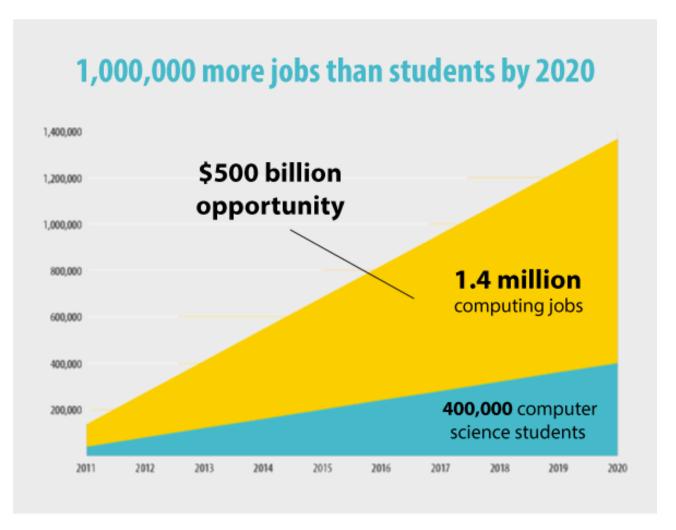




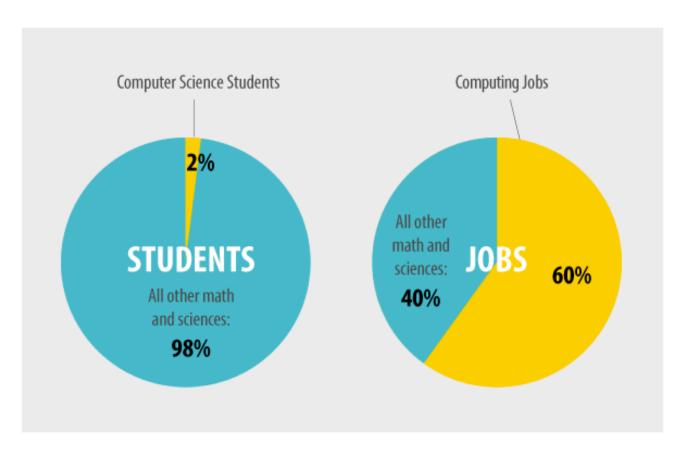




OPPORTUNITY



COMPUTER SCIENCE IS THE HIGHEST PAID COLLEGE DEGREE AND COMPUTER PROGRAMMING JOBS ARE GROWING AT 2X THE NATIONAL AVERAGE.

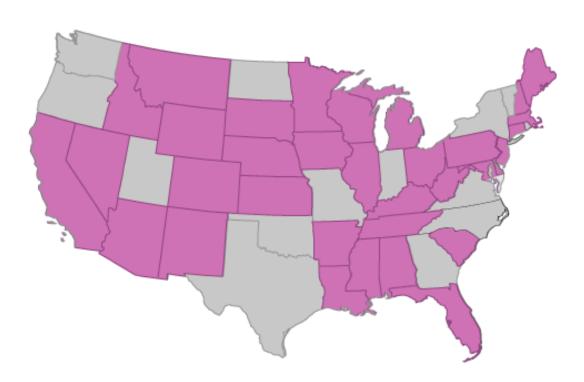


LESS THAN 2.4% OF COLLEGE STUDENTS GRADUATE WITH A DEGREE IN COMPUTER SCIENCE... THAT'S FEWER THAN 10 YEARS AGO.

9 out of 10 schools don't even offer computer programming classes



IN 36 OF 50 STATES, CODING CLASSES DON'T COUNT TOWARDS HIGH SCHOOL GRADUATION MATH OR SCIENCE REQUIREMENTS.



CS4HS

- Initiative sponsored by Google
- Goal is to promote Computer Science and Computational Thinking in high school and middle school curricula
- Provide support for 2-3 day workshops for local high school and middle school teachers





Workshop Goals

- Expose in-service high school teachers via hands-on experiences to resources that can be used in their classrooms for teaching computer science concepts.
- Excite teachers about computing by enabling them to utilize the Android platform in their instruction.
- Continue the development of ongoing relationships among regional STEM high school teachers and VSU faculty.

Workshop Schedule

- Today Introduction to App Inventor to create Android applications
 - Dr. Hui Chen
- Tomorrow Creating Android Applications using Java
 - Dr. Kosta Damevski