**How to get more kids interested in Computer Science?**

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I officially became a student of Computer Science just as the field was emerging from Applied Mathematics to stand on its own. Microcomputers were just then becoming something more than a box with switches on the front. I wanted to help bridge the gap between those who create computing-based solutions and those who needed those solutions to do their jobs. Over my 30+ year career, more possibilities have emerged than anyone could have foreseen. Computing is now so integrated into everyone’s everyday lives it is almost invisible and taken for granted. Computing technologies are changing the world and how people experience it. It is our job now to help prepare and engage students of all disciplines, especially future computer scientists, to join the innovative, creative problem-solving community educated in the science of computing. ~Meg Brady

A few interesting resources for educators, mentors, and advisors:

<http://csunplugged.org/> - Computer Science Unplugged website. Free learning resources aimed at integrating Computer Science fundamentals without a computer.

“The primary goal of the Unplugged project is to promote Computer Science (and computing in general) to young people as an interesting, engaging, and intellectually stimulating discipline. We want to capture people’s imagination and address common misconceptions about what it means to be a computer scientist. We want to convey fundamentals that do not depend on particular software or systems, ideas that will still be fresh in 10 years.” See <http://csunplugged.org/principles/> for an overview of their guiding principles.

<http://code.org/> - Sometimes known for “Hour of Code” project, Code.org provides free courses, course materials and teaching resources and encourages the integration of computer science across the K-12 curriculum.

Code.org® is a non-profit dedicated to expanding participation in computer science by making it available in more schools, and increasing participation by women and underrepresented students of color. Our vision is that every student in every school should have the opportunity to learn computer science. We believe computer science and computer programming should be part of the core curriculum in education, alongside other science, technology, engineering, and mathematics (STEM) courses, such as biology, physics, chemistry and algebra.

<http://apcsprinciples.org/> - Computer Science Principles, a new, widely accessible Advanced Placement (AP) course for Computer Science. The College Board oversees the development of the course and exam that will launch as Computer Science Principles in 2016-2017.

<https://www.youtube.com/watch?v=FpMNs7H24X0> – Computer science is for everyone, Hadi Partovi, TEDxRainier - promoting computer science education for everyone.

<https://www.youtube.com/watch?v=Xg4pKgXSJho> – Science Documentary: Augmented Reality, Virtual Reality, Wearable Computing. (50 minutes, but is made up of many short segments)

<https://www.youtube.com/watch?v=GjNrP6JmuDA> – Documentary on wearable tech; robotics. (52 minutes)