How Computing Changed the World

Jan 17, 2012
STRENGTHENING

COMPUTER SCIENCE EDUCATION IN

GRADE SCHOOLS
COMPUTER SCIENCE EDUCATION ACT

HR 3014

- Congressman Polis (Colorado)
- [http://www.youtube.com/watch?v=063JN4h06el](http://www.youtube.com/watch?v=063JN4h06el) (start at 1-minute mark)
ACTIVITIES FOR STUDENTS

- AP Computer Science
- Brevard Science Fair
  - Computer category
- USA Computing Olympiad
  - www.usaco.org
- FIRST Robotics Competition
  - www.usfirst.org
OUTREACH ACTIVITIES (FLORIDA TECH)

- **Fall**
  + Mentoring Science Fair projects

- **Spring (January)**
  + Community lecture

- **Spring (February-March)**
  + Visiting high schools

- **Summer (July)**
  + Summer camps

- **CSE 1010: Ideas and Impact of Computing**
CE21 (Computing Education for the 21st century)
- Proposal: Florida Tech + high schools
  - Summer workshops for teachers
  - Online repository of teaching materials