# Kevin A. Casey

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## Education

University of California, Berkeley

Major: Electrical Engineering and Computer Science

Current GPA: 3.7

Expected Graduation Date: June 2016

Related Courses

| Computer Science | Structure and Interpretation of Computer Programs (Python) |
| | AP Computer Science (Java) |

Other Courses

| Math | Calculus |
| Physics | Mechanics and Wave motion |

## Experience

**iOS Programming (2012)**

Developing basic apps for the iPhone

- Self studied the Objective-C language, concepts such as memory management, delegation, archiving, and use of view controllers, and frameworks of iOS classes
- Utility apps – A painting app with various gesture recognitions, a map app with location marking features, an item storage app and a counting app designed for young children

**Java/Python Projects (2011-2012)**

Developed programs in Python and Java for projects in Computer Science courses:

- Simple Games: Hangman, Checkers, Modified Pig (dice game),
- More Complex Games: Ants vs. Some Bees (a simplified Plants vs. Zombies game)
- Other Projects: created a geographic visualization of Twitter data across the USA, created a Scheme-based interpreter using Python.

**Arduino (2012)**

Designed and built a glove that could play music by capturing movement changes for my high school Senior Project

- Used an Arduino microprocessor board, soldered wires to create a circuit and wrote code to interpret flex sensor positions and output to a speaker with a range of one octave.

## Skills

Languages: Python, Java, Objective C

Operating Systems: Windows, Mac, Unix