Kevin A. Casey

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Education

University of California, Berkeley

Major: Electrical Engineering and Computer Science

Current GPA: 3.863

Expected Graduation Date: June 2016

Related Courses

Computer Science

Structure and Interpretation of Computer Programs (Python)
Data Structures (Java)
Macintosh Student Developers for OS X (Objective-C)
Machine Structures (C)
Software Engineering (Ruby on Rails)

Electrical Engineering

Intro to Microelectronic Circuits

Other Courses

Math

Single and Multivariable Calculus
Linear Algebra and Differential Equations
Discrete Mathematics and Probability Theory

Physics

Mechanics and Wave motion
Heat, Electricity and Magnetism

Experience

Academic Intern
(Fall 2013)

- Currently a lab assistant for CS61A (Structure and Interpretation of Computer Programs) and CS61C (Machine Structures).
- Explain concepts to students and confirm that they have done the labs correctly

iOS Programming
(Winter 2012 - Present)

- Designed and built an app based on Bluetooth that tracks where you parked your car
- Built multiplayer Wifi based card game Snap. Currently working on a modification of the card game Big Two
- Utility apps – A painting app with various gesture recognitions, an item storage app and a counting app designed for young children

Java/C Projects
(2011 - Present)

- Won competition in CS61B (Data Structures) for designing the best algorithms for playing the game Network.
- Had fastest algorithm in CS61C (Machine Structures) for matrix multiplication using parallelization with framework pthread

Skills

Languages: Python, Java, Objective C, C, Ruby

Operating Systems: Mac, Unix, Windows