

aaron dodson

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education

B.S. in Computer Science – University of California Santa Barbara

Graduated June 2013 with Distinction in the Major and High Honors

Dean's Honors for 10 consecutive quarters, Spring 2010 - Spring 2013

GPA: 3.82

experience

Stuffed Iggy Software (self-employed, 2008-2013)

Santa Barbara, CA

- Developed two Mac applications (Zipline – desktop news and social media ticker, Selenium – web research assistant) and one iOS application (Meringue – day planner)
- Handled UI/UX design, programming, customer support, web design, sales and marketing

Google (Computer Science Teaching Fellow, 2013-present)

Moncks Corner, SC

- Developed website (www.cs-first.com) that allowed teachers and volunteers to set up and manage computer science clubs and delivered lessons to over 25,000 students
- Worked with educators to provide them with a background in computer science
- Taught computer science and computational thinking principles to K-12 students in the local community

Open Source

- Lead maintainer of GauchoSafari, an iOS client for UCSB's GauchoSafari course management system used by several thousand students (2011-2013)
- Contributed several patches to the Adium Project fixing crashes and adding minor features
- Other projects available at github.com/gonfunko

Research

- Conducted research with faculty into integrating code reviews, git, and GitHub into lower-division introductory Java course at UCSB

coursework

Data Structures and Algorithms | Automata and Formal Languages | Parallel Scientific Computing
Programming Languages | Computer Architecture | Operating Systems

skills

- 6 years experience in Objective-C, Cocoa and Cocoa Touch on OS X and iOS
- 2 years experience in PHP and Drupal
- Familiar with Javascript, Python, Swift, Java, C, C++, Applescript, HTML and CSS
- Comfortable with Xcode, Emacs, git, Linux, OS X