Sameera Vemulapalli

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Intended B.A. Computer Science / B.A. Mathematics | Technical GPA: 4.0

Education/Skills

UC Berkeley   August 2014-June 2018
- Currently pursuing a B.A. in Computer Science and a B.A. in Mathematics
- Relevant coursework completed by December 2015: Structure and Interpretation of Computer Programs, Data Structures, Discrete Mathematics and Probability, Artificial Intelligence, Computer Architecture, Linear Algebra, Differential Equations, Multivariable Calculus

Skills

- Proficient in: JQuery, SQL, Scheme, d3
- Experienced in: Java, JavaScript, Objective-C, Python, Django

Experience

iOS Software Engineering Intern, Facebook   June 2015-August 2015
- Build a standalone social application called SixDegrees using Objective-C that connects users with the people around them that they should know, but don't.
- Integrates the Facebook SDK, Google Maps API, Apple Maps API, Yelp API, and Parse
- Intelligently ranks potential friends according to user preferences

Developer at Blueprint, Technology for Nonprofits   January 2015-Present
- Build a Django-based web application that serves as a crowdfunding, information, and administration portal. The portal includes dashboard-style tools for donors and volunteers as well as visualizations of investment returns and controls for donors to redirect investment returns into new crowdfunding campaigns.
- Worked on primarily on front-end development work and the project model architecture in Django.

Research Laboratory Assistant at the Parallel Computing Laboratory   December 2014-Present
- Built a DSL (domain specific language) called Grapher that is meant to be used for efficient data visualization and pattern-finding within datasets.
- Built a Django-based front-end user interface for Grapher
- Implements some basic ML techniques to normalize, pattern-fit, and intelligently pre-process data.

UI/UX Intern at SmartMonitor and Intellivision   June 2013-August 2013
- Worked with an outsourced development team to redesign and wireframe an Android application.
- Designed marketing materials, including infographics, flyers, the product manual, and more.

Intern at Innovaspire   June 2011-August 2011
- Designed marketing materials, website mockups, and an iOS application.

Intern at the Cupertino Chamber of Commerce   June 2011-August 2011
- Redesigned and created newsletters and other promotional material using Adobe Illustrator.
- Organized, promoted, and helped manage three business mixers.