

Phoebe Bednar Schmidt

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Education

University of California, Berkeley

Computer Science, B.A.

GPA: 3.51

December 2014

Relevant Coursework

- Structure & Interpretation of Computer Programs | Data Structures | Machine Structures (61 series)
- Linear Algebra and Differential Equations | Discrete Mathematics and Probability Theory
- Databases | Computer Security | Algorithms | Operating Systems | Intro to Artificial Intelligence
- Information Visualization | Concepts in Computing with Data | Geographic Information Systems

Relevant Projects

GIS – Recommendations to Improve Bike Tourism in Oakland

- Gathered, projected, and prepared data from a variety of open online sources
- Identified key opportunities and constraints for McHarg Suitability Analysis
- Generated a triangulated irregular network and service area network for supplementary analysis
- Presented a recommendation to an audience of 50+ students, instructors, and community members

Operating Systems – Distributed Key-Value Store

- Completed a functioning k-v store in Java including consistent hashing, 2-phase-commit

Experience

Software Implementation Consultant

October 2014 - Present

Berkeley Student Cooperative

- Assist in housing department software upgrade
- Streamline business processes to take advantage of capabilities of new system
- Lead weekly meetings and train housing and bookkeeping department staff

Software Engineering Intern

June 2013 – October 2013

Vertigo Software, Inc.

- Contributed to Windows Phone 8 application for major media company
- Interfaced with clients in multiple face-to-face meetings and teleconferences

VP of Capital Affairs

August 2012 - June 2013

Berkeley Student Cooperative

- Served as executive to student Board-of-Directors and leader of capital related projects
 - Negotiated with UC Berkeley for lower lease rate on one of 20 properties
 - Investigate reopening of closed property to meet growing demand for co-op housing
- Chaired the Capital Affairs Committee and supervised 2 student staff
- Participated in small task-force to completely restructure governance procedures

Campus Ambassador and Tour Guide

February 2011 – August 2013

UC Visitor and Parent Services

- Lead campus walking tours
- Ensure quality visitor experience at Sather Tower (The Campanile) and the Visitor Center on campus

Skills and Strengths

- Experienced in R, C/C#, Java, Python, Ruby, SQL, XAML, Linux/UNIX, Brightscript (Roku), Emacs, Eclipse, VisualStudio, Github
- Familiar with ArcGIS, Hadoop, Bash, SVN, Tableau, d3.js
- Excellent code organization and documentation skills
- Strong interpersonal, communication, and presentation skills
- Flexible and efficient team member