

Reese Levine

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EDUCATION

University of California, Berkeley

Berkeley, CA

Major: Computer Science

GPA: 3.78

Dean's List: Spring 2014

Vice Chancellor's Student Advisory Committee

Relevant Courses:

- Introduction to Computer Science (CS61A)
- Data Structures and Advanced Programming (CS61B)
- Linear Algebra and Differential Equations (Math54)
- Web Development for Non-profits

TECHNICAL SKILLS

- **Languages:** Python, Java, Scheme, Javascript, HTML, CSS
- **Frameworks/Tools:** Django, Bootstrap, JQuery, Git, Emacs, Jekyll

PROJECTS

<https://github.com/reeselevine>

AutomaticScheduler (Python)

- introduced enhancement allowing for more options in scheduling shifts for Phi Psi's social events
- reduced code complexity using DRY principles and added documentation so that users could understand how to use the program without having to look at the code itself

DBMS (Java)

- wrote a miniature relational database management system, implementing a simple query system to store and retrieve values from small databases
- Applied test driven development by writing JUnit tests first before working on the actual classes and methods needed
- used a domain specific language based on SQL to allow users to interface with the database system

reeselevine.me (Jekyll/CSS)

- designed personal website hosted on Github Pages using Jekyll, a simple static site generator
- built off of Twitter's Bootstrap framework to produce responsive, modern site

Fruitful Minds (Python) – in progress

- building administrator privileges into an existing website (fruitfulminds.org), mainly to make updating content more efficient
- applied Django framework to create a user friendly interface for non-technical staff members

EXPERIENCE/LEADERSHIP

Cal Cycling

Berkeley, CA

Volunteer Coordinator

January 2014 – Present

- contributed to successful home race that raised \$3000 by organizing course marshals and event volunteers and responded quickly and flexibly to any issues
- worked with club president to introduce new streamlined club management structure for 2014-2015 year

Phi Kappa Psi Fraternity

Berkeley, CA

Risk Manager

December 2013 – Present

- automated a two hour per week task by expanding an in-house Python program that produces schedules for fraternity events in Excel spreadsheets
- Achieved a 100% reduction in student conduct violations and improved relationships with neighbors by developing a comprehensive new risk plan