SUSANNA SOUV

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EDUCATION

University of California, Berkeley
Currently completing B.A., Computer Science   Expected graduation: Spring 2017

PROJECTS COMPLETED AND CONTRIBUTED TO

Listed below are non-academic projects; can be found on http://challengepost.com/ssouv, github.com/susannasouv, bitbucket.org/susannasouv. Starred means ongoing.

- **PebblePowerNap***: adding on to an already existing Pebble watch app, we are working to allow the Pebble watch to wake up the user after a set number of hours when the user actually falls asleep, instead of when the user starts the timer (Started at Hack the Planet 2015; https://github.com/jeremyjpark/PebblePowerNap)

- **ScreenTimer***: an Android app that sends a notification to the user after set time intervals (dictated by the user) as a way of limiting time spent on their phone. This helped us give a little taste of creating an Android app. (https://github.com/davidzlu/ScreenTimer)

- **Wanderlust Tourguidr**: Android app with Flask server and MongoDB database. App captures image of landmark with device camera and is sent back to server to be matched with images in database (using OpenCV) and to retrieve metadata on landmark to return to user. (TreeHacks 2015)

SKILLS

Languages (by recent use)	Ruby on Rails, Python, Java, C, LaTeX, HTML, CSS, Javascript, AngularJS, Express.js, Scheme
Operating Systems	Windows, OS X, (still learning) Android, iOS
Software	Sublime Text, Vim, Github, (still learning) Android Studio, Xcode

EXTRACURRICULAR ACTIVITIES

Developer, Snap! Development Team at UC Berkeley
- Implementation of a newer/cleaner version of the Snap! program using Ruby on Rails and AngularJS. Projects: implementing followers/following, newsfeed; writing list of API methods (Summer 2015-current)

Facilitator, Snap! Below the Line.
- Teaching a course that helps prepare students to join the Snap! Development Team. Things taught are how to use Github, Javascript, and to contribute to a large sourcecode. (current)

Internal events coordinator, Computer Science Undergraduate Association.
- Organize and show up to internal events (i.e. not company sponsored, club-hosted) (Summer 2015-current)

Junior and senior mentor, Computer Science Mentors.
- Teaching small organized section to supplement and tutor students taking Computer Science 61A. (Spring 2015, current)

CURRENT AND RELEVANT COURSEWORK

Courses currently being taken for fall 2015 semester at UC Berkeley

- **Computer science 170**: Efficient Algorithms and Intractable Problems

- **Information 257**: Database Management