

EDWARD LOOK

github.com/edwlook

EDUCATION

Berkeley, CA	University of California, Berkeley	Fall 2013 – Present
<ul style="list-style-type: none">▪ Computer Science, GPA 3.74, expected graduation May 2017▪ Relevant coursework: CS61A (Structure and Interpretation of Computer Programs), CS61B (Data Structures), CS61C (Machine Structures), CS70 (Discrete Math & Probability), CS294 (Cutting-edge Web Technologies), CS168 (Introduction to the Internet: Architecture and Protocols - <i>In Progress</i>), CS186 (Introduction to Databases - <i>In Progress</i>)		

WORK EXPERIENCE

Berkeley, CA	Kloudless	May 2015 – August 2015
Software Engineering Intern		
<ul style="list-style-type: none">▪ Worked with Python to improve and create new functionality for the Kloudless API▪ Wrote the specification and implementation for the Kloudless Properties API (http://bit.ly/1X9tN6Q)▪ Added the new Properties API functionality to the Kloudless Python SDK▪ Improved URL uploads to support files larger than 100 MB▪ Implemented chunked upload support for several cloud storage services▪ Created the drag-and-drop Dropzone interface for the Kloudless File Explorer (http://git.io/vGgpt)▪ Extended the pysmb library by adding support for directory change notifications for the SMB2 protocol (http://git.io/vGgp1)▪ Wrote a daemon that uses my extended pysmb library, APScheduler, and gevent to listen for events (e.g. file add/delete) across multiple SMB/Samba servers		

Berkeley, CA	UC Berkeley	October 2013 – May 2015
Full Stack Software Developer		
<ul style="list-style-type: none">▪ Worked with Ruby on Rails, Javascript, AngularJS, HTML, CSS, and PostgreSQL to build UC Berkeley's new student portal, CalCentral (calcentral.berkeley.edu)▪ Wrote unit and integration tests with RSpec for the Ruby on Rails back-end▪ Wrote back-end code to communicate with various JSON/XML APIs▪ Designed and implemented a feature that displays lecture webcasts and podcasts for classes▪ Proposed and implemented a feature that shows real-time laundry machine availability data▪ Created an admin tool to streamline workflow and increase developer productivity▪ Built a mobile app with PhoneGap that serves as a native wrapper for the CalCentral site		

TECHNICAL EXPERIENCE

Personal Projects (github.com/edwlook)
<ul style="list-style-type: none">▪ node-google-distance: Node.js module for easily getting distance data between locations▪ pickup: Mobile app for finding impromptu sport events nearby▪ calnet: Node.js module for logging into Berkeley's campus-wide authentication system▪ chrome-eventbrite: Chrome extension for discovering popular events nearby with the Eventbrite API▪ placeholder-gem: Ruby gem for Placeholder.js, a JS polyfill for HTML5's placeholder▪ node-gps-server: Takes GPS coordinates and texts a cell number the Google Maps link of the location▪ node-chatroom: Lightweight chatroom built with Node.js and Socket.io for my freshmen floormates

SKILLS AND TECHNOLOGIES

- Python (Pdb, gevent, APScheduler), Java, C, Ruby (Rails), Javascript (Node.js, AngularJS, JQuery, Knockout), HTML5, CSS3
- UNIX, Vim, Git, MongoDB, RSpec, Travis CI, AWS, Heroku, JIRA, APIs