Tony Lee

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EDUCATION

University of California, Berkeley May 2017
Computer Science
GPA: 3.31

- Dean's Honor (Fall 2014): Awarded to top 4% of students
- Course Work: Structure of Computer Programs, Data Structures, Linear Algebra, Computer Architecture, Discrete Mathematics, Database Systems*, Efficient Algorithms*
  * in progress

SKILLS

Programming Language (comfort level from most to least)**:** Python, Java, HTML, CSS, SQL, C, Bash, JavaScript, MIPS

Framework:
Jenkins, Selenium, sqlite3, Flask, Bootstrap, Github/Git, pytest, nose, unittest, OpenMP, VCloud

OS:
OSX, Windows, Linux (Ubuntu, CentOS)

Language:
English (Fluent), Korean (Fluent)

EXPERIENCE

Symantec Corporation, *Software Engineering Intern* June 2015 – Present

- Developing an UI automation testing framework in Python and integrating with Jenkins and Gradle
- Developed a mobile automation testing framework using Appium, Genymotion, Python, and BASH to test a Public Key Infrastructure Android client app on different versions of Android
- Analyzed user information from Apache logs using Piwik data processor
- Profiled a web service backend server from the Public Key Infrastructure product and conducted a load-testing to examine optimization opportunities
- Generated detailed documentation and catalogued VCloud images with complete set-up for projects above

Snap Decal, Co-*facilitator* June 2015 – Present

- Design the coursework and instruct students to the development of Snap! visual programming language
- Lecture about front-end development and git

UC Berkeley, *CS61A Undergraduate Lab Assistant* January 2015 – May 2015

- Stimulated students' understanding in functional programming and algorithms

Management Consulting Club at Berkeley, *Vice President* August 2014 – December 2014

- Prepared 5 hour long study-session every week including consulting lectures, Harvard Business Review case presentations, mock interviews and industry analysis
- Collaborated with alumni from Bain & Company and industry professionals to hold 2 info sessions

PROJECTS

OSKI GPS (http://yoonho.co/OskiGPS)

- Developed a web app using HTML, CSS and JavaScript with Google Map API and speech synthesis API to allow users to find paths from a building to another building on UC Berkeley Campus
- Implemented a voice search using Chrome speech recognition API to locate a specific building

Snap! Below the Line Website (http://snapdecal.org)

- Developed a class website using HTML and CSS

Twitter Trends (class project)

- Developed a Python application that analyzes the sentiment of tweets by examining input keywords
- Generated a map that uses geo-location data and positive/negative sentiment ratings to color different states on the map of USA using turtle graphics