Yoon Ho Lee

tony.lee@berkeley.edu • 714-620-9390 • www.yoonho.co

EDUCATION

University of California, Berkeley
Computer Science
Expected May 2017
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*, Artificial Intelligence*
  * in progress

SKILLS

Programming Language (comfort level from most to least)**:**
Python, Java, C, HTML, CSS, Bash, Javascript, MIPS
Framework:
Jenkins, Tomcat, Appium, Selenium, OpenMP, Flask, Bootstrap, Github/Git, VCloud, Piwik, JProfiler
OS:
OSX, Windows, Linux (Ubuntu, CentOS)
Languages:
English (Fluent), Korean (Fluent)

EXPERIENCE

Symantec Corporation, *Software Engineering Intern*   June 2015 – August 2015
- Developed an automation mobile testing framework using Appium, Genymotion, Python, BASH and Jenkins to flexibly test a Public Key Infrastructure Android client on multiple versions of Android
- Analyzed user information from Apache logs using Piwik data processor on CentOS
- Profiled a web service backend server from the Public Key Infrastructure product and conducted a load-testing to examine possible optimization factors
- Responsible for detailed documents and a complete set up of VCloud images for projects above

Snap Decal, *Facilitator and Lecturer*   June 2015 – Present
- Designed the coursework to guide students through developing Snap, a visual programming language, with Javascript and Github

UC Berkeley, *CS61A Undergraduate Lab Assistant*   January 2015 – May 2015
- Tutored students' understanding in their introduction to functional programming and algorithmic problem solving

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
- Administered and lectured an intensive strategic management training session for 7 new members
- Collaborated with alumni from Bain & Company and industry professionals to hold two info sessions

Valley Touch (valleytouch.net), *Web Designer and Editor*   June 2014 – November 2014
- Designed a Korean tech news blog through Wix template and composed tech articles in Korean

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

Twitter Trends
- Python application that analyzes the sentiment of tweets through examining input keywords
- Displays a map and uses geolocation data and positive/negative sentiment ratings to color different states on a map through turtle graphics

Map Reduce
- Implemented multiple layers of data processing using NumPy to filter matrix input data
- Optimized data processing using lazy evaluations and loop unrolling