

EXPERIENCE

Enovix Corp. Summer Intern

Fremont, CA (Summer 2013)

- Developed scripts to aid the test/data team in battery R&D.
- Assisted three engineers with their daily tasks.

Enovix Corp. Test Lab Intern

Fremont, CA (Summer 2014)

- Worked under the Director of Integration on data flow and reporting.
- Created an SMS alert system for tasks and checks.
- Made GUIs for displaying battery tester machine status.
- Efforts streamlined parts and data through the company pipeline.

ORGANIZATIONS

Davis CS Club Vice Chair, Web Dev. Committee

Davis, CA (2014-2015)

- Leading web development workshops for beginning students.

Davis CS Club Tutor

Davis, CA (Spring 2014, Fall 2014)

- Tutored students in lower division computer science courses.
- Reinforced object oriented, data structure and algorithm concepts.
- Increased students' understanding of core computer science ideas.

PROJECTS

ping@me github.com/KelvinLu/ping-at-me Oct 2014

- Personal project to learn AngularJS and Firebase.
- Communicates HTML5 geolocation to friends in Yo app fashion.

Marklog github.com/KelvinLu/marklog Sept 2014

- Flask web application serves Markdown files for static personal blogs.

Huffman Codes File Compression (coursework) Spring 2013

- Implemented lossless file compression with Huffman Encoding.
- Use of various tree data structures for performance optimization.

Airport Flight Routing (coursework) Spring 2013

- Computed the best cost itineraries for thousands of simulated airports and flights by Dijkstra's algorithm.
- Successfully performed under a challenge time limit.
- Utilized optimization and code profiling with valgrind, gprof.

EDUCATION

University of California, Davis

B.S. Computer Science and Engineering

Cumulative GPA 3.80
Expected Graduation June 2016

TECHNICAL SKILLS

Languages

proficiency	familiarity
Python	R
JavaScript	Lisp
C++	Prolog
Java	
C	
HTML	
CSS	

Frameworks, Libraries

Django, Flask,
Pandas, NumPy, SciPy,
AngularJS, jQuery,
Foundation

Concepts

object oriented programming,
data structures, graph algorithms,
sorting algorithms, statistics,
MVC, REST, AJAX

HONORS

Dean's List, College of Engineering
× 6 Quarters

Edward Kraft Prize Recipient

(38.537002, -121.754725)