

# Richard Li

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UCI CSE junior with significant project experience seeking challenging software dev. internship for summer 2017

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## Education

**University of California, Irvine, Irvine, CA**

**June 2018 (expected)**

*Bachelor of Science, Computer Science and Engineering*

- Dean's Honor List: Fall 2014, 2015. Spring 2015. Cumulative GPA: 3.641. Major GPA: 3.701.
- Relevant Coursework: Advanced Computer Networks, Artificial Intelligence, Concepts in Programming Languages, Data Structures, Differential Equations, Digital Systems, Digital Logic, Discrete Time Systems, Probability and Statistics, Software Engineering
- Current Coursework: Algorithm Design and Analysis, Electronic Devices and Circuits, Organization of Digital Computers, Principles of Operating Systems
- Planned Courses: Compilers and Interpreters, Digital Signal Processing, Embedded Computing Systems, Machine Learning

## Skills

Python, C, C++, C#, Java, HTML, CSS, Javascript, Git, Node.js, Prolog, Haskell, L<sup>A</sup>T<sub>E</sub>X, MySQL

## Projects

*Details and git repositories of these projects and more available at richardli.me/projects*

**beardiff**, Node.js

**Summer 2016**

*Personal*

Scrapes and screenshots user-provided webpages on regular intervals and provides a visual diff on changes

**frankPCB**, C/KiCad

**Winter 2015**

*Personal*

Replacement keyboard controller for the CM Storm QuickFire Rapid/Stealth

**FoodShip**, Python/Java/HTML/JS/CSS

**Fall 2015**

*Hackathon – HackMIT 2015*

Provides a way for businesses to effortlessly deliver food to nearby homeless shelters

- HackMIT 2015: Best use of Postmates API
- HackMIT 2015: Patreon Community Prize Runner-up

**websoc-scrape**, Python/Redis

**Spring 2015**

*Personal*

Periodically scrapes UCI's WebSoC and sends a notification via Pushbullet on changes

Automatically generates potential class schedules for the quarter and sorts by user criteria

**PiE Robotics**, C#

**Spring 2014**

*Pioneers in Engineering Competition – Arroyo HS: Team "Doominions"*

Made from scratch scoper robot with RFID functionality. Team placed second

## Work Experience

**McClelland Lab, Irvine, CA**

**December 2014 – March 2015**

*Software Engineering: Full Stack Developer*

- Created an asynchronous parser that reads CSV values into a MySQL database
- Managed a user-friendly search and input interface for said database

**San Lorenzo Unified School District, San Lorenzo, CA**

**Summer 2013**

*Information Technology: Instructional Materials Technology Center Intern*