

# Richard Li

<https://richardli.me>

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github.com/CaffeinePrism

UCI CSE senior with significant project experience seeking challenging full time position

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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 '14, '15, '16. Winter '17. Spring '15, '17. Cumulative GPA: 3.663. Major GPA: 3.710.

## Work Experience

**Amazon, Seattle, WA**

**June 2017 – September 2017**

*Software Engineering: Software Development Engineer Intern*

- Identified and programmatically corrected incorrect configuration settings across all public AWS regions
- Implemented and tested a timed worker to automatically adjust configuration on a per-region basis
- Designed, implemented, and tested a system to intelligently enqueue fleet administration tasks

**McClelland Lab, Irvine, CA**

**December 2014 – March 2015**

*Software Engineering: Full Stack Developer*

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

**Summer 2013**

*Information Technology: Instructional Materials Technology Center Intern*

## Projects

*Details and git repositories of these projects and more available at [richardli.me/projects](https://richardli.me/projects)*

**emr-experiment, Python**

**Summer 2017**

*Personal*

Self-learning project. Fed roughly 3.5TB into a managed Hadoop cluster on Amazon EMR.

**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 programmable 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**

*UC Berkeley's Pioneers in Engineering Competition – Arroyo HS*

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

**KeeOTP QR, C#**

**Summer 2014**

*Personal*

KeePass 2 plugin for generating an otpauth-compatible QR Code from stored KeeOtp secrets