

Richard Li  
<https://richardli.me>

✉ [me@richardli.me](mailto:me@richardli.me)  
in [linkedin.com/in/richardsli](https://linkedin.com/in/richardsli)  
🐙 [github.com/CaffeinePrism](https://github.com/CaffeinePrism)

## Education

- **University of California, Irvine** Irvine, CA  
*Bachelor of Science, cum laude, Computer Science and Engineering; 3.658/4.0 GPA* June 2018

## Experience

- **Amazon** Seattle, WA  
*Software Development Engineer I* August 2018 – Present
  - TBD*Software Development Engineer Intern, DynamoDB* June 2017 – September 2017
  - Identified and programmatically corrected incorrect configuration settings across all public AWS regions
  - Implemented and tested timed workers to automatically adjust configuration on a per-region basis
  - Designed, implemented, and tested a system to intelligently enqueue fleet administration tasks

## Projects

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

- **UAV Forge** C++  
*Senior Design Project* Fall 2017 – Spring 2018
  - Ground station capable of autonomous UAV control and remote image capture and transmission
- **emr-experiment** Python  
*Personal* Summer 2017
  - Self-learning project. Fed roughly 3.5TB into a managed Hadoop cluster on Amazon EMR.
- **beardiff** Node.js  
*Personal* Summer 2016
  - Scrapes and screenshots user-provided webpages on regular intervals and provides a visual diff on changes
- **frankPCB** C/KiCad  
*Personal* Winter 2015
  - Replacement programmable keyboard controller for the CM Storm QuickFire Rapid/Stealth
- **FoodShip** Python/Java/HTML/JS/CSS  
*Hackathon – HackMIT 2015* Fall 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  
*Personal* Spring 2015
  - 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#  
*UC Berkeley's Pioneers in Engineering Competition – Arroyo HS* Spring 2014
  - From-scratch scooper robot with RFID functionality and basic autonomous mode.
- **KeeOTP QR** C#  
*Personal* Summer 2014
  - KeePass 2 plugin for generating an otpauth-compatible QR Code from stored KeeOtp secrets