

Richard Li
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in [linkedin.com/in/richardsli](https://www.linkedin.com/in/richardsli)
🐙 github.com/rli

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, AWS SDKs and Tools August 2018 – Present
 - TBD*Software Development Engineer Intern, Amazon 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 github.com/rli

- **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-scrap 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