

Richard Li

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github.com/CaffeinePrism

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

Education

University of California, Irvine, Irvine, CA

June 2018 (expected)

Bachelor of Science, Computer Science and Engineering

- Dean's Honor List: Fall 2014, 2015, 2016. Spring 2015, 2017. Cumulative GPA: 3.663. Major GPA: 3.710.

Work Experience

Amazon, Seattle, WA

June 2017 – September 2017

Software Engineering: Software Development 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

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