Richard Sun

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Education

University of California, Los Angeles   Expected Graduation: June 2018
Computer Science, BS
GPA: 3.9

Work Experience

Software Development Intern | Symantec   June 2016 - November 2016

Worked on SONAR, Symantec's behavior heuristics driver written in C++

Developed a proof-of-concept feature which successfully detected a live ransomware sample

Development Lead & IT | UCLA Student Media   May 2015 - Present

Developed several hybrid mobile apps using AngularJS and Ionic

Manage servers and Digital Ocean droplets that run over 10 websites

Projects

UCLA Maps

Led development on the Django backend for a mobile app that does outdoor and indoor navigation in UCLA. The server uses a RESTful API to serve data about locations on campus. We developed an indoor navigation library that can draw routes from GIS data.

AppGet

A PaaS application designed to allow users to create and deploy mobile apps in minutes, without writing any code. We provide fully functional templates that clients can customize through a web interface. We used AngularJS and the Ionic Framework to make use of their templating system.

Class Scanner

Python program that checks for open seats in a class. It parses a HTML page using BeautifulSoup and sends notifications on Slack.

Coursework

- Software Engineering
- Operating Systems
- Databases
- Networking
- Programming Languages
- Data Structures and Algorithms

Skills

Languages
- Proficient: C, C++, Python, Javascript
- Intermediate: Ruby, Java

Tools
- Linux, Windows
- AngularJS, jQuery
- Git
- MySQL