

# Richard Sun

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## Education

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### University of California, Los Angeles

Computer Science, BS, June 2018

GPA: 3.9

## Work Experience

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### Software Engineer | Symantec

July 2018 - Nov 2019

### Software Engineer | Broadcom (acquired Symantec)

Nov 2019 - Present

- Worked on SONAR, a C++ Windows driver that provides heuristic antivirus protection
- Designed and developed a script tracking feature that provides real-time protection against popular attack vectors

### Development Lead & System Administrator | UCLA Student Media

May 2015 - June 2018

- Full-stack web and mobile development using Django, Angular, Ionic, React Native
- Managed servers and Digital Ocean droplets that host over 10 websites

## Projects

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### UCLA Maps

- Led development on a Django backend that does outdoor and indoor navigation in UCLA. We developed an indoor navigation library that can draw routes from GIS data.
- Worked on the React Native frontend to help implement more robust asynchronous code.

### AppGet

- A PaaS application designed to allow users to create and deploy mobile apps in minutes, without writing any code. It provides fully functional components that clients can customize through a web interface.
- Built with Angular and the Ionic Framework to make use of their templating system.
- Used this platform to create over 10 apps for UCLA and other universities.

## Skills

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**Languages:** C++, Python, Javascript, HTML/CSS

**Tools:** MySQL, Postgres, Django, Angular, React, Linux, Git

## Coursework

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- Software Engineering
- Operating Systems
- Algorithms

- Databases
- Web Applications
- Networks

- Programming Languages
- Machine Learning