

# Richard Sun

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## Education

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**University of California, Los Angeles**  
Computer Science, BS  
GPA: 3.9

Expected Graduation: June 2018

## Work Experience

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**Software Development Intern** | Symantec

June 2016 - November 2016

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

Developed a proof-of-concept to detect script and dll threats, which successfully protected against 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

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### 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.

### Tetris

Created Tetris from scratch using Unity and C#. This project helped me understand object-oriented and event-driven programming better.

## Coursework

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

## Skills

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### Languages

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

### Tools

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|---------------------|---------|
| • Linux, Windows    | • Git   |
| • AngularJS, jQuery | • MySQL |