

# SIMON ZHANG

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## EDUCATION

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**University of Southern California**  
BS Computer Science *GPA: 3.84*

August 2019 - May 2023  
Los Angeles, CA

## WORK EXPERIENCE

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**Columbia University IT**  
*Web Development Intern*

April 2020 - August 2020  
New York, NY

- Migrated static legacy websites of 4 departments to Drupal CMS
- Updated site interfaces and reduced time spent implementing future updates by 20%
- Resolved various issues in Angular components that would cause data to not load
- Improved interface of custom views displays in Drupal using Twig

**Sterling Medical Devices**  
*Software Engineer Intern*

August 2018 - August 2019  
Rochelle Park, NJ

- Created a web app based plugin for an ALM software (Polarion) using HTML/CSS, JavaScript, Java, and JSP
- Implemented verification checker and export to PDF features, streamlining and reducing time spent on document verification process by 15%
- Resolved functionality and interface issues in external Apache Velocity scripts

**Huaxia Bergen Chinese School**  
*CS and Math Teacher*

March 2016 - May 2019  
Paramus, NJ

- Taught a class on web design and Python scripting
- Taught 2 classes on Algebra and Geometry for competition math
- Worked weekly with up to 20 students per class

## PROJECTS

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**ClassChat**  
January 2021

- Created a chatroom web-app using Angular, Firebase, and hosted on Google Cloud Platform. Submitted to HackDavis

**Rebuild Our Shops**

May 2020 - Present

- Created a website using HTML, CSS and JavaScript that curates information on locally-owned businesses seeking COVID relief
- Working on integrating Firebase and Google Maps API

**Head Organizer of Hack River Dell**

November 2017 - November 2018

- Raised \$5,000 for a 24-hour high school hackathon with over 100 attendees
- Created and maintained the website using HTML, CSS, and JavaScript
- Directed ambassadors to promote event at other schools

**Research Scholar at NJ's Governor School in the Sciences**

July 2018

- Attended 3 week summer program at Drew University and completed a research project studying the efficiency of solar panels under various environmental conditions

## SKILLS

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Languages: Python, C++, Java, JavaScript, HTML/CSS  
Technologies: Angular, Flask, Bootstrap, JSP, JQuery, Twig, Git, Docker

## AWARDS

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Scholarships: USC Merit Scholarship, James E Casey Scholarship