

# SIMON ZHANG

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## EDUCATION

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**University of Southern California**  
BS Computer Science *GPA: 3.92*

Los Angeles, CA  
Aug 2019 - Dec 2022

## WORK EXPERIENCE

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

New York, NY  
April 2020 - August 2020

- Updated and migrated the Electrical Engineering, WEAI, ILAS, and OGC sites using Drupal
- Updated Twig templates to remove unnecessary elements in Drupal environment

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

Rochelle Park, NJ  
August 2018 - August 2019

- Created a web app based plugin for an ALM software (Polarion) using HTML/CSS, JavaScript, Java, and JSP to improve project management
- Features include document verification, work record input form, training quizzes and documentation, and export to PDF
- Debugged existing external scripts for Polarion in Apache Velocity

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

Paramus, NJ  
March 2016 - May 2019

- Taught a Computer Science class that covered web design and Python scripting
- Taught 2 math classes covering Algebra and Geometry topics
- Weekly on Sundays, students from 3rd to 8th grade

## SKILLS

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

## PROJECTS

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**Rebuild Our Shops** *HTML/CSS, JavaScript, Angular, Firebase* <https://rebuildourshops.com>  
A website that curates information on locally owned businesses that were looted or are seeking COVID relief. Currently implementing Firebase backend and Google Maps API integration.

**Colorscale** *Python* <https://github.com/simzha19/Colorscale>  
A Python script that converts a picture into a shade of your choosing using PIL

**Hack River Dell** <http://2018.hackriverdell.com/>  
I was the head organizer of a 24-hour high school hackathon with over 100 attendees. I found corporate and local sponsors such as Microsoft and raised over \$5,000. I created and maintained the event's website. And I directed ambassadors to promote the event at other schools.

## AWARDS

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**USC Merit Scholarship** USC  
Merit scholarship awarded to high achieving incoming freshmen to USC May 2019

**James E Casey Scholarship** UPS  
Merit scholarship awarded by UPS to children of UPS employees based on high school academic merit May 2019