

SIMON ZHANG

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EDUCATION

University of Southern California

Los Angeles, CA

Relevant Coursework: Calc III, Linear Algebra, Linear Diff. Equations, Data Structures in Java, Data Structures and Object Oriented Design, Discrete Math

BS Computer Science *GPA: 3.92*

Aug 2019 - Dec 2022

WORK EXPERIENCE

Columbia University IT

New York, NY

Web Development Intern

April 2020 - August 2020

- Migrated four department's legacy static websites to new Drupal-based content management system, allowing webmasters to better maintain and update their site content and layout
- Resolved data loading issues in Angular components
- Improved interface of custom modules using Twig for Drupal environment

Sterling Medical Devices

Rochelle Park, NJ

Software Engineer Intern

August 2018 - August 2019

- Created a web app based plugin for an ALM software (Polarion) using HTML/CSS, JavaScript, Java, and JSP
- Implemented features such as document verification, work record input form, training quizzes and documentation, and export to PDF to improve project management
- Diagnosed and resolved functionality and interface issues in external Apache Velocity scripts

Huaxia Bergen Chinese School

Paramus, NJ

CS and Math Teacher

March 2016 - May 2019

- Taught a Computer Science class in web design and Python scripting
- Taught 2 math classes in Algebra and Geometry topics
- Worked weekly on Sundays with students in grades 3-8

PROJECTS

Rebuild Our Shops (WIP)

<https://rebuildourshops.com>

May 2020 - Present

- Used HTML, CSS and JavaScript to create a website that curates information on locally-owned businesses seeking COVID relief or that were looted
- Working on feature that allows users to sort stores by location using Google Maps API
- Working on Firebase integration for backend

Hack River Dell

<http://2018.hackriverdell.com/>

November 2017 - November 2018

- Organizer for a 24-hour high school hackathon with over 100 attendees
- Found corporate and local sponsors such as Microsoft and raised over \$5,000
- Created and maintained the website using HTML, CSS, and JavaScript
- Directed ambassadors to promote event at other schools

Colorscale

<https://github.com/simzha19/Colorscale>

- Python script using PIL that remakes a picture into a custom color

SKILLS

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

AWARDS

USC Merit Scholarship

Merit scholarship awarded to high achieving incoming freshmen to USC

James E Casey Scholarship

Merit scholarship awarded by UPS to children of UPS employees