SIMON ZHANG

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EDUCATION

University of Southern California   Los Angeles, CA
BS Computer Science *GPA: 3.92*   Aug 2019 - May 2023

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   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
- Working integrating Firebase and Google Maps API

Head Organizer of Hack River Dell   http://2018.hackriverdell.com/
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

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

AWARDS

Scholarships:	USC Merit Scholarship, James E Casey Scholarship,