SIMON ZHANG

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EDUCATION

University of Southern California August 2019 - May 2023
BS Computer Science *GPA: 3.84* Los Angeles, CA

WORK EXPERIENCE

Columbia University IT April 2020 - August 2020
Web Development Intern 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 August 2018 - August 2019
Software Engineer Intern 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 March 2016 - May 2019
CS and Math Teacher 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

Event Coordinator and Webmaster of USC Math Club February 2021 - Present

- Developed and maintain club website using Gatsby and React
- Organize social math-based events

Pikapulls February 2021

- Developed a website using PlotlyJS displaying Monte Carlo simulation of Pokemon pack openings. Submitted to HackSC

ClassChat January 2021

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

Head Organizer of Hack River Dell November 2017 - November 2018

- Raised $5,000 for a 24-hour high school hackathon with over 100 attendees
- Developed 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 radiation

SKILLS

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

AWARDS

Scholarships:	USC Merit Scholarship, James E Casey Scholarship