Willie Jin
Software Engineer

Experience

Yuzu Menu   Fremont, CA
Full Stack Developer   May 2019 – Present
- Created a web app for restaurants to digitalize their menus allowing customers to view the menus via QR code through a web api
- Used monolithic app architecture to implement GraphQL backend api to handle database actions and work with third party services such as PassportJS, Stripe, SendGrid, and AWS S3
- Designed frontend using React, Redux, used NGINX to serve files
- Wrote tests using Mocha, Chai, Jest, and Enzyme as well as containerized the application for future CICD integration

Kuka Izakaya   Tempe, AZ
Freelance Web Developer   October 2018 – December 2018
- Designed site for a restaurant, https://www.kukaizayaka.com/, to assist owner in online advertising
- Website gains +1,600 visits a month, +1,300 unique visitors

Cisco Systems   San Jose, CA
Hardware Engineer Intern   May 2018 – August 2018
- Validated and debugged the code for a testbench for a hardware component, BIST, onboard a data serializer/deserializer, SERDES
- Ran simulations on the testbench and viewed the waveforms with DVE to confirm that the testbench output was correct
- Wrote bash scripts to automatically generate hundreds of test cases

Super Micro Computer   San Jose, CA
Test Engineer Intern   May 2017 – August 2017
- Measured the bandwidth and throughput of storage devices such as HDDs, SSDs, and NVMes on server systems
- Found errors in the systems that prevented the NVMe drives from being detected, worked with designers to resolve the issue
- Created a presentation on TCP / SAP costs and benefits server benchmarking software

Projects

Channel Orange IO
- Built homemade cryptocurrency ATMs for sale online
- Created webstore with React and Shopify API as a sales channel

Algorithms Visualizer
- Used HTML, CSS, and JavaScript to create an interactive website to visualize algorithms like Djikstra's, https://visualapp.netlify.com/

Optimization of HSpice Inverter Chain Schematic with Python
- Used python3 to edit an HSpice schematic file and used python library functions to optimize the schmematic for the lowest delay between a transient source and capacitor

Contact

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Education

Arizona State University

Bachelor of Science
Electrical Engineering

GPA 3.61 *magna cum laude*

Skills

Basic ○○○○○ Proficient

Skill	Level
HTML	●●●●●
CSS/SCSS	●●●●○
JavaScript	●●●●●
Python	●●○○○
React	●●●●○
GraphQL	●●●●○
MongoDB	●●●●○
Docker	●●●○○
Git	●●●○○