Jason Zheng

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EDUCATION

Davidson College   **Davidson, NC**
Bachelor of Science, Computer Science, Graduated 2023
- GPA: 3.517
- **Relevant Coursework:** Analysis of Algorithms, Game Development, Data Structures, Computer Organization, Discrete Structures, Theory of Computation, Computer Graphics, Intro to Computer Science
- **Honors & Awards:** Posse Foundation Full-Tuition Leadership Scholarship (2019-2023), Bonner Scholar

Adjacent Academies | Davidson in Silicon Valley   **San Francisco, CA**
Student January 2020 – May 2020
- A program connecting liberal arts to the dynamic tech hub in the Bay Area through project-based web development, learning, and networking with tech and business professionals
- **Relevant Coursework:** Critical Web Design, Explorations in Computer Science, Science Fiction and Technology Practicum

WORK EXPERIENCE

Davidson T&I   **Davidson, NC**
T&I Network Technician   *May 2021 – May 2023*
- Updated 137 network switches to improve their performance
- Conducted WAP density assessments using different capability Wi-Fi antennae to ensure network availability across wide range of devices, test efficacy of new deployments
- Collected network inventory metrics to support increased line of funding for improvement projects
- Completed network standardization projects including UPS redundancy testing and deployment in 50+ network stacks across multiple buildings on campus
- Independently configured and deployed 100+ WAPs throughout residential buildings on campus LAN of 1000+ WAPs, 2000+ managed devices including servers

Forum One   **Remote**
Technical Intern   *June 2022 - August 2022*
- Acquired hands-on experience in both front-end and back-end development for large-scale applications
- Developed and tested code using Git, GitHub, WordPress, and Drupal
- Collaborated with team members to design and implement new features for a web-based application using SCRUM methodologies

COMMUNITY ENGAGEMENT

Ada Jenkins Community Center | Loaves and Fishes   **Davidson, NC**
Volunteer   *September 2021 - December 2021*
- Migrated on-premises Active Directory domain devices to Microsoft Azure Active Directory to improve cloud administration of devices deployed throughout the community center and employee account identities
- Exported AAD user information to streamline small-business identity management to a team-shared cloud password management system, via LastPass

RELEVANT PROJECTS

Up and Coming Artist Recommender Website   *February 2023 - February 2023*
- Created a website with the use of Handlebars.js, Node.js, javascript, and Express.js
- Used Javascript to make async and await requests to get data from the Spotify API
- Used python to create a machine learning algorithm that takes a user's top artist, genre, and their top artist's related artist to find potential up and coming artist the user might be interested in.
- Used Git and GitHub for version control and collaboration with other team members

Volunteering Search Website   *April 2020 - May 2020*
- Created a website that was hosted on Heroku with the use of Handlebars.js, javascript, Express.js, and Node.js that allow users to find volunteering opportunities around the Davidson College area
- Used KNEX.js and PostgreSQL to create and structure a database containing volunteering information
- Implemented a search functionality for easier navigation using JQuery and SQL to retrieve information from the database to website

SKILLS

- Programming Languages: Proficient in Java, Python, Javascript, C#