

Jason Zheng

954-854-3176 ♦ jazheng@davidson.edu ♦ www.github.com/jazheng1 ♦ Davidson, NC

EDUCATION

Davidson College

Bachelor of Science, Computer Science

Davidson, NC

Expected May, 2023

- GPA: 3.48
- Relevant Coursework: Intro to Computer Science, Game Development, Data Structures, Computer Organization, Discrete Structures, Analysis of Algorithms
- Honors & Awards: Posse Foundation Full-Tuition Leadership Scholarship, Bonner Scholar

Adjacent Academies | Davidson in Silicon Valley

Student

San Francisco, CA

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

T&I Network Technician

Davidson, NC

May 2021 - Present

- 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 configuring and deploying 100+ WAPs throughout residential buildings on campus LAN of 1000+ WAPs, 2000+ managed devices including servers

Davidson Research in Science Experience

Student Developer

Davidson, NC

May 2020 – June 2020

- Brainstormed and revised different wireframe iterations for better website user flow on Tallygame.net
- Used **Javascript** to scrape data from JSON file to create little blurbs based on people's search history

COMMUNITY ENGAGEMENT

Ada Jenkins Community Center | Loaves and Fishes

Volunteer

Davidson, NC

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

HELPS Education Fund

Volunteer

Davidson, NC

September 2020 – December 2020

- Helped increase the reading comprehension and reading speed of five students

RELEVANT PROJECTS

Math Asteroids Game

November 2021 - December 2021

- Learned how to navigate and utilize **Unity** for game development
- Used **C#** to script spaceship movement, asteroids spawn, and score tracker

Volunteering Search Website

April 2020 - May 2020

- Created a website that was hosted on Heroku with the use of **Handlebars.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** to retrieve information from the database to

SKILLS

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