

# Jason Zheng

954-854-3176 ♦ jason.zheng84@gmail.com ♦ <https://jason-zheng.up.railway.app> ♦ Ft. Lauderdale, FL

## EDUCATION

### Davidson College

Davidson, NC

*Bachelor of Science, Computer Science, Graduation 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

### Neuroevolutionary Model

*April 2023 - May 2023*

- Used Python to write a program that performs neuroevolution, using a neural network that keeps track of both players in a single game of joust.
- Skimage, matplotlib, numpy, gym, PIL, cv2, TensorFlow, and pettingzoo libraries were used to simulate the Atari game environment, while keeping track of the results.
- TensorFlow was used to create multiple layers for two neural network models

## SKILLS

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