

Education

Bachelor of Science in Computer Science | 2024

Sonoma State University, CA | GPA 3.73 | Cum Laude and Graduated with Distinction

Projects

- BioSoundSCape: Researched and developed a convolutional neural network (CNN) using acoustic data collected throughout South Africa to assist in ecosystems research
- Portfolio Website: Created using React, Tailwind CSS, and JavaScript and hosted on GitHub pages
- A House Project: Constructed a 3D world to roam and view a large 3D model using Three.js
- Home NAS Server: Used an old computer to create an Ubuntu server for hosting a network attached storage with a RAID 1 configuration in order to store personal files over a local network
- Our Space Project: Created a rudimentary social media which could handle +10,000 users, keeping track of user information: Name, biography, profile photo, and who follows who
- Spam Detection: Developed a rudimentary program in collaboration with a partner that used a large set of training data to determine if an incoming email was statistically likely to be spam or not
- Wordle Guesser: Created a Wordle guessing program that attempts to find the correct Wordle word
- Worm Game: Developed an ascii worm game similar to the classic snake game

Key Skills

C++ | C | Python | C# | HTML | React | JavaScript | CSS | SQL | Visual Studio Code | Jet Brains | Microsoft Visual Studio | Xcode

- Proficient in Linux command line and the use of a UNIX server and Linux development
- Proficient in Adobe Products for design (i.e. Photoshop, Illustrator, Premiere Pro, After Effects, etc.)
- Used MySQL and Oracle Apex to create and manipulate SQL databases
- Work well with in teams for both small and large projects and have experience helping/coaching others or taking charge when needed
- Speak a little French and Spanish

Job Experience

Machine Learning Research and Developer

Rohnert Park, CA | January 11, 2024 - Present

- Developed a convolutional neural network (CNN) used to detect different classes of audio

Starbucks Shift Supervisor

Healdsburg, CA | June 4, 2018 - Present

- Responsible for maintaining company standards as a key holder
- Promoted from Barista to Barista Trainer and then to Shift Supervisor

Awards and Activities

- Voted by my peers to receive the Partner of the Quarter Award - 2021
- Part of the Starbucks North Bay SSV ADP, coaching and leadership development program
- Specialized in my workplace, gaining the title of "Coffee Master"