Evan Nishi

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San Jose, California

EDUCATION

San Jose State University

B.S. Software Engineering + cybersecurity certificate **GPA: 3.65**   09/2022 - 2025 (graduating early)

EXPERIENCE

Volunteer Undergraduate Research Assistant   10/2024 – 12/2024

San Jose State University | **python, pandas, numpy**

- Assisted professor Carlos Rojas in research utilizing machine learning models for clustering of DNA sequences

Software Engineering Intern   06/2022 – 07/2023

Drem | **typescript, react, tailwind**

- Built 15+ responsive react components for application frontend helping raise over $100,000 in initial funding round
- Integrated frontend components with the Lens API and application backend
- Used memoization and windowing to decrease load time on some pages by up to 20%
- Implemented pagination in project's backend API, reducing average response time by up to 10%

Computer Science Instructor   09/2023 – Present

Applied Computing Foundation

- Teaching middle and high school students python, web development, and APCS concepts.

TECHNICAL SKILLS

Languages: typescript, javascript, python, HTML/CSS, C/C++, java, SQL

Frameworks/Libraries: nodejs, react, tailwind, numpy, pandas, selenium

Tools/Platforms: git, mongodb, mySQL, linux/unix, AWS EC2, agile, figma

Coursework: data structures and algorithms, data science, machine learning for big data, information security, computer architecture, operating systems, computer networks

PROJECTS

Data Integrated Sparring Helmet (in progress) | *python, react, raspberry pi, hardware*

- Building helmet that collects data on user head trauma via integrated sensors
- Wrote middlewares and API to communicate between helmet sensors, raspberry pi, and web application
- Built real time web application to monitor and visualize sensor data

Spotify LED Matrix | *python, raspberry pi, shellscript, hardware*   demo/repository

- Designed and built a raspberry pi controlled LED matrix with a companion website for account permission setup
- Wrote software that fetched data from spotify, and rendered a UI and album cover on the panel

Birthday Card Generator | *react, mongodb, typescript, nextjs, serverless functions*   repository

- Wrote a dynamic react application that allowed users to virtually create, sign, and share birthday cards
- Deployed application's website and database using vercel and mongodb

Portfolio | *react, vercel, wireframing*   evannishi.me/

- Wrote designed, and hosted a personal portfolio in react

TU CTF | *Linux, cybersecurity, bash, shellscript*   writeup

- Participated in TU CTF and created a writeup on problems solved