

# Evan Nishi

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San Jose, California

## EDUCATION

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### San Jose State University

*B.S. Software Engineering + cybersecurity certificate* **GPA: 3.6**

August 2022 – May 2025

### Diablo Valley College (High School Dual Enrollment)

*A.S Computer Science, graduated with honors, GPA: 3.7*

June 2019 – May 2022

## PROJECTS

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### Spotify LED Matrix | *Python, raspberry pi, hardware*

[github.com/Evan-Nishi/spotify-panel-client](https://github.com/Evan-Nishi/spotify-panel-client)

- Designed and built a raspberry pi controlled LED matrix
- Wrote software that fetched data from spotify, and rendered a UI and album cover on the panel
- Wrote shellscript that automatically setup the application and installed packages
- Built a companion website in react to aid in setup and authorization

### Birthday Card Generator | *React, Mongodb, Typescript, Nextjs*

[github.com/Evan-Nishi/birthday-card](https://github.com/Evan-Nishi/birthday-card)

- Wrote a dynamic React application that allowed users to virtually create, sign, and share birthday cards
- Made customizable animations and UI that was automatically rendered based on user parameters
- Deployed and tested application's website and database using Vercel and Mongodb

### Portfolio | *React, Vercel, wireframing*

[evannishi.me/](https://evannishi.me/)

- Wrote designed, and hosted a personal portfolio in react

### TU CTF 2019 | *Linux, cybersecurity*

[writeup](https://writeup)

- Participated in TU CTF 2019 and created writeup on problems solved

## TECHNICAL SKILLS

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**Languages:** Typescript, Javascript, Python, HTML/CSS, C/C++, Java, SQL

**Frameworks:** Nodejs, React, Tailwind, numpy

**Developer Tools:** Git, Mongodb, Linux, REST APIs, Figma, Agile

**Relevant Coursework:** Data Structures and Algorithms, Intro to Data Science, Software Engineering, Computer Organization and Architecture, Operating Systems, Computer Networks

## EXPERIENCE

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### Programming Instructor

09/2023 – present

*Applied Computing Foundation*

- Organized, planned, and developed new lesson material
- Taught students basic and intermediate python and web development

### Software Engineering Intern (Contract)

06/2022 – 07/2023

*Drem | Typescript, React, Tailwind*

- Created and implemented responsive components in React
- Debugged, tested, and shipped investor demonstration
- Optimized component rendering and API calls, resulting in a 10% decrease in loading time
- Created and updated project documentation, greatly reducing on-boarding time

### Web Developer

10/2022 – 12/2022

*San Jose State Computer Science Club*

- Led web development team in making design decisions
- Created wireframes and planned website layout and features

### Code Coach

02/2021 – 09/2021

*TheCoderSchool*

- Planned and taught lessons by building projects and demonstrations in python and scratch