

# Nathaniel Paz

Web Developer & Computer Scientist

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## EDUCATION

### San Joaquin Delta College

Associate of Science in Computer Science, Expected 2024

*President of Computer Science Club*

## TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python

Frameworks/Libraries: React, Node.js, Express, SparkCSS

Tools: Git, Vite, Firebase, Netlify, Figma

## PROJECTS

### Neutron

A custom-built web browser made with electron.js and React

- Implemented core browser functionality with Electron
- Built a responsive UI with React components

### SimplyPi

A specialized learning platform for math and computer science related courses

- Created interactive learning modules for various CS topics
- Implemented user authentication and progress tracking

### SparkCSS

A custom CSS preprocessor that utilizes framework rich features with a utility-first approach

- Developed a custom syntax parser for the preprocessor
- Created documentation and examples for easy adoption

### FireSpark

A framework-agnostic component based library built on top of SparkCSS

- Designed reusable UI components for rapid development
- Implemented cross-browser compatibility

## LEADERSHIP & ACTIVITIES

President, Computer Science Club, San Joaquin Delta College

- Lead weekly coding workshops and tech talks
- Organize hackathons and coding competitions
- Mentor new members in programming fundamentals