

# Jonathan Rodriguez

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## EDUCATION

**California State Polytechnic University | 3.92 GPA**

**Pomona, CA**

*Bachelor of Science, Computer Science*

**Spring 2025**

**Related Courses:** Data Structures, Discrete Mathematics, Linux Systems, Computer Graphics, Algorithms, Statistics, Linear Algebra, Shell Scripting, Machine Learning, Prompt Engineering, Mobile Development, Parallel Processing

## WORK EXPERIENCE

**LuminosityLEDs | Front-End Developer | [GitHub](#)**

**Remote | October 2023 - Present**

- Engineer and maintain LED brightness & color control software deploying React & TypeScript, improving user experience.
- Adhere to Agile Scrum sprints, collaborating with the team to deliver software updates on schedule through weekly standups and sprint retrospectives.
- Optimize software components operating NodeJS & Chocolatey, ensuring version control with Git & GitHub.
- Manage project through Confluence & Jira, optimizing task delegation & milestone tracking by 30%.

**theCoderSchool | Code Coach**

**Cerritos, CA | June 2024 - August 2024**

- Instructed K-12 students, helping with the transition to typed languages such as Java, Python, and JavaScript, resulting in a 30% improvement in students' coding proficiency.
- Achieved 20% higher teaching efficiency by delivering the curriculum within a condensed timeframe, allowing for additional enrichment and advanced topic exploration.

**IgniteCS Programming Expo | Judge | [Link](#)**

**Whittier, CA | February 2020 - Present**

- Judged 6-8 K-12 CS projects in a competition sponsored by Google, NSF, and NSA. Providing constructive feedback and encouragement to young coders, ranking projects based on creativity & execution, fostering interest in computer science.

**Dominos | Manager, Delivery Driver, Cashier**

**Whittier, CA | February 2020 - Present**

- Held various roles at Domino's, including cashier, manager, and delivery driver, gaining valuable skills in communication, problem-solving, leadership, teamwork, and time management over four years.

## RELEVANT PROJECTS

**JDTech eCommerce | Ruby on Rails | [Link](#) | [GitHub](#)**

**September 2024 - Present**

- Collaborate with a partner to build an eCommerce website, putting computer parts for sale.
- Create responsive frontend components using Tailwind CSS, ensuring a modern and user-friendly interface.
- Designed product listings and cart functionality, showcasing proficiency in Ruby on Rails and full-stack development.

**Tessera | Typescript, Vite + React | [GitHub](#)**

**February 2025 - Present**

- Develop the frontend using Vite + React, implementing React Router for navigation and Tailwind CSS for styling, designing UI components based on Figma prototypes.
- Integrated Supabase SDK for database, authentication, and storage functionality.
- Cooperate in a team of four to build a social media app promoting real-world connections.

**Dynamic Day Planner | Flask, HTML/CSS | [Link](#) | [GitHub](#)**

**October 2024**

- Constructed a dynamic scheduling tool using Flask backend and OpenAI API to generate personalized day plans.
- Built an interactive frontend with HTML/CSS for user inputs and displaying generated plans.
- Integrated RESTful API with Flask-CORS for seamless communication between frontend and backend.

## TECHNICAL SKILLS

**Languages:** Java, Python, HTML, CSS, JavaScript, TypeScript, Ruby

**Tools:** Git, SQL, C, Confluence, React, Jira, Docker, Vite, Figma

## CAMPUS AFFILIATIONS

Computer Science Society, Data Science & AI Club, Software Engineering Association