

# Jonathan Rodriguez

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## Education

Cal Poly Pomona | Pomona, CA | 3.92 GPA

*expected graduation June 2025*

**Major:** Computer Science

**Related Courses:** Data Structures, Discrete Mathematics, Linux Commands, Computer Graphics, Algorithms, Statistics, Linear Algebra, Shell Scripting, Machine Learning, Prompt Engineering

**Honors:** President's List, Dean's List

## Workforce Development

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

*Remote*

*October 2023 – Present*

- Developed and maintained LED brightness & color control software using React & TypeScript, improving user experience.
- Participated in Agile Scrum sprints, collaborating with the team to deliver software updates on schedule through weekly standups and sprint retrospectives.
- Optimized software components using NodeJS & Chocolatey, and integrated version control using Git & GitHub.
- Coordinated project management 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](#)

*Remote*

*September 2024*

- 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 | Cashier, Manager, Delivery Driver

*Whittier, CA*

*February 2020 – Present*

- Worked in various roles at Domino's, including cashier, manager, and delivery driver, gaining valuable skills in communication, problem-solving, leadership, teamwork, and time management over 4+ years.

## Relevant Projects

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

*Fall 2024 - Present*

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

Dynamic Day Planner | Flask, OpenAI API, HTML/CSS | [Published Site](#) | [GitHub link](#)

*Fall 2024 - Present*

- Developed 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

**Programming Languages:** Java, Python, HTML, CSS, JavaScript, Typescript, Ruby, git, SQL, C

**Tools & Frameworks:** Confluence, React, Jira, Docker, VSCode, SWING

**Campus Affiliations** - Networking with peers and participating in workshops focused on CS, Data Analytics/AI/ML, and SWE.

Computer Science Society (*August 2023 – Present*)

Data Science & AI Club (*February 2024 – Present*)

Software Engineering Association (*October 2024 – Present*)