

# Camden Mann

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## TECHNICAL SKILLS

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**Programming:** C++, Java, JavaScript, HTML, CSS, Hack Assembly, Python, SQL

**Tools:** Ros2, Gazebo, Github, PostgreSQL, React, Express, Node.js, Tailwind CSS

## EDUCATION

### California Polytechnic State University

San Luis Obispo, CA

BS in Computer Science, GPA: 3.91/4.0

June 2027

Relevant Coursework: Systems Programming, Data Structures and Algorithms,

Software Engineering, Database Systems

## PROJECTS

### Algebra Learning Platform

Aug. 2024 – Sep. 2025

*Project Lead*

- Project lead for interactive algebra practice site
- Implemented a built-in AI chatbot, improving user support with instant hints and error explanations
- Built using NoSQL persistence through MongoDB Atlas

### Online Ordering Platform

Aug. 2024 – Present

- Built a working prototype of a ordering web app with dynamic CRUD operations, user auth, cart, and checkout.
- Building REST API backend using PostgreSQL and Express.js for data management
- Currently integrating real-time data sync with POS systems to pull menus, prices, and inventory into the app.

## LEADERSHIP & ACTIVITIES

### Lower Limb Exoskeleton Assist Club (LLEAP)

Sep. 2025 – Present

- Contributing to student led exoskeleton project to aid individuals with lower limb mobility challenges
- Conducting robotic simulation using ROS2, Gazebo, Moveit and rviz frameworks
- Collaboration with electrical engineering and biomechanical teams

### The Codebase

Aug. 2024 - Sep. 2025

*Founding Member — Project Lead*

- A student ran web development club that specializes in building websites for non profit organizations

### Eagle Scout Landscaping Project

Apr. – Oct. 2021

*Lead project manager*

- Lead over 50 people for a project to clean up and beautify the landscape at Oso Viejo Senior Center