

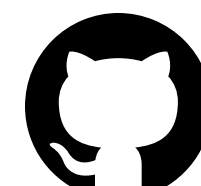
Liam Walker



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EDUCATION

California State University Fullerton

August 2024 – Present

Bachelor of Science in Computer Science

Fullerton, CA

- **Relevant Coursework:** CS 120 (Introduction to Computer Programming), CPSC 253 (Cybersecurity), Math 338 (Statistics)

MiraCosta Community College

June 2022 - June 2024

Mathematics

Fullerton, CA

- High school community college concurrent enrollment.
- **Relevant Coursework:** Math 260 (Calculus and Analytical Geometry III) & 265 (Differential Equations)

Sage Creek High School

September 2020 - June 2024

Computer Science and Engineering

Fullerton, CA

- **Relevant Coursework:** Computer Science course equivalent to CPSC 223J (Introduction to Computer Science I: Java), Project Lead the Way's Engineering Pathway

SKILLS

- Languages: Java, Python, HTML/CSS, JavaScript
- Frameworks: React, Node.js, Git/GitHub Developer
- Tools: VSCode, Linux, Figma, Adobe Creative Suite

EXPERIENCE

Software Engineer Internship

November 2023 – Aug 2024

Epik Systems · Part-time

Carlsbad, CA

- Designed clients websites with JavaScript (React) and Wordpress.
- UX and UI design for the companies AI product using Figma.
- Designed and improved the companies AI product website.
- Provided feedback for companies AI product user experience.
- Collaborated with software staff.

Quality Control Specialist

May 2023 - October 2023

Shoreline Electronics · Part-time

Carlsbad, CA

- Conducted quality assurance testing on products to guaranteeing functionality.
- Packaged and prepared orders to ship.

PROJECTS

Digital Porfolio (Website)

Jan 2023 – Present

- Personal website showcasing key projects (robotics, stove solutions initiative, photography).
- Gained experience in website deployment and web design through Wordpress.
- Migrated static HTML pages from WordPress to GitHub Pages for improved speed, performance, and reliability.
- Dynamic, regularly updated platform highlighting technical and creative growth.

Stove Solutions	August 2023 - February 2024
<ul style="list-style-type: none"> • Developed a sensor-based system for an engineering class project that automatically detects gas leaks and shuts off stoves with app-based monitoring. Control through Arduino and an Android Device. • Gained experience in designing and building mechanical and sensor-based systems. • Strengthened problem-solving and brainstorming skills. • Increased understanding of safety standards and technology integration. • Learned to integrate app-based monitoring and control features. • Applied the engineering design process for iterative development and testing. • Gained project management and presentation skills. 	

Sage Creek Genius Project	September 2022 - January 2024
<ul style="list-style-type: none"> • Created digital badges for student pathways in computer science, engineering, photography, and biomed to motivate educational advancement. • Managed the badge development and implementation process. • Presented the project to school leaders and at conferences and enhanced my communication and presentation skills for effective advocacy. • Designed badges using Adobe Illustrator. 	

EXTRACURRICULAR

Controls UI Member Titan Rover Robotics Club	August 2024 – Present
<ul style="list-style-type: none"> • Update rover’s control system, attend weekly workshops to implement continuous improvement. • Designing, creating, and implementing the user interface for controlling the rover. • Update and maintain Titan Rover’s website and create promotional material for clubs events. 	
Software Lead Crow Force High School Robotics Club	July 2020 – June 2024
<ul style="list-style-type: none"> • Managed the Crow Force software team. • Taught new members Java and First Tech Challenge (FTC) code libraries. • Developed code designed to obtain as many points as possible in competition. 	

VOLUNTEERING

Digital Libraries Project	June 2022 - August 2022
<ul style="list-style-type: none"> • Developed a semi-automated process to parse bibliographic data for the library institutional repository project at California State University, Office of the Chancellor. • Enhanced skills in data parsing and automation. • Contributed to educational technology projects for K-12 teacher preparation and CSU faculty development. • Worked within a team focused on improving library systems. • Addressed challenges in managing bibliographic data efficiently. 	