

Ivan Alvarez

📞 559-377-1230 ✉ 22ivana04@gmail.com 🔗 <https://www.linkedin.com/in/ivanalvarez04/>
🐙 github.com/IvanA673 🌐 <https://ivanalvarez.vercel.app/>

Education

Cal Poly SLO <i>Bachelor of Science in Computer Engineering (GPA: 3.7)</i> <ul style="list-style-type: none">Awards: Abernethy Scholar, Deans List (Fall 2022, 2023 Winter 2022, 2023 Spring 2023), Presidents List (2023)	Expected May 2026 San Luis Obispo, CA
Madera South High School <i>High School Diploma (Cum GPA: 4.47)</i> <ul style="list-style-type: none">Awards: Academic Honor Roll (2018, 19, 20, 21), Valedictorian	June 2022 Madera, CA

Experience

SESLOC Credit Union <i>Systems Development Intern</i> <ul style="list-style-type: none">Gained hands-on experience in the software development lifecycle. (See Project Below)Collaborated with cross-functional teams to design, develop, and implement solutions.12x more efficient than manual process. (See Project Below)	Summer 2024 San Luis Obispo, CA
Hack4Impact <i>Full Stack Developer</i> <ul style="list-style-type: none">Collaborate in teams to build websites for local nonprofits. (See Project Below)Applying full stack development (MongoDB, Node.js, React.js, Next.js.)	Sep 2023 – Present San Luis Obispo, CA
Engineering Possibilities in College <i>Camp Counselor</i> <ul style="list-style-type: none">Guided and inspired campers through fun activities while ensuring their safety and personal growth.Led and mentored a new group of 10 campers each week.	Summer 2023 San Luis Obispo, CA
Madera Flea Market <i>Sales Associate</i> <ul style="list-style-type: none">Expressed quality customer service by assisting customers throughout their purchasing for 10 hours every week.Carried out multiple tasks during busy hours of the day.	2015 – 2022 Madera, CA

Projects

Facilities Dashboard Application <i>Django, Python, SQLite3, IIS, FastCGI</i> <ul style="list-style-type: none">Collaborated in the development and deployment of a Django-based full stack web application to centralize vendor management and improve security protocols for SESLOC Credit Union.Communicated with stakeholders to design, develop, and deploy a user-friendly platform integrating single sign-on, maintenance request, and IT ticket systems. Enhanced efficiency and communication by transitioning the facilities department from manual Excel-based processes to a digital solution. Deployed to the SESLOC network using IIS and FastCGI.	Summer 2024
Lumin CMS Tool <i>Python, OpCon Automation</i> <ul style="list-style-type: none">Every day, a report accumulates daily engagement statistics on campaigns found on SESLOC's online banking platform. For each day, a stakeholder must unzip a folder, insert a column into a CSV file, and append it to an overall Excel summary.Communicated with the OpCon automation specialist in my department to create a self-service button for the stakeholder. I developed a Python script to handle the file I/O of CSV and Excel formats, essentially automating the process. The stakeholder usually processes 12 iterations at a time, hence 12x more efficient.	Summer 2024
CCC-USS Calendar <i>React.js, Next.js, Node.js, MongoDB</i> <ul style="list-style-type: none">Collaborated in a team of 16 (1 PM, 3 Designers, 2 Tech Leads, 10 Developers) to build a website for CCC-USS, a nonprofit organization that supports undocumented students.Utilized bi-weekly sprints to complete assigned tasks across both front-end and back-end development.	Oct 2023 - Jun 2024
PROVE Endurance Car <i>Circuit Analysis, Component Sourcing, Tinkercad</i> <ul style="list-style-type: none">Student organization with interdisciplinary teams, aiming to develop a fully electric long-range sports car that drives 1000+ miles on a single charge. Worked in the high voltage sub-team mostly as a component sourcer. Applied resourceful problem-solving by using materials from previous PROVE projects.	Sep 2022 - Jun 2023
Personal Gaming Computer Build <i>Computer Hardware</i> <ul style="list-style-type: none">Configured 3 high-performance gaming PCs within budget constraints for friends and personal use. Demonstrated proficiency in selecting compatible components (CPU, motherboard, RAM, GPU, PSU, storage) to build a high-performance system.	Feb 2021, Jan 2022

Skills

Technical: Git, Object Oriented Programming, Data Structures, Full Stack Development, Django, SQLite3, React.js, Next.js, Node.js, MongoDB, Function Generator, Digital & Analog Multimeters, Oscilloscope, Integrated Circuits, RISC-V CPU Architecture
Languages: Python, Java, JavaScript, TypeScript, System Verilog, HTML, CSS, RISC-V Assembly, C
Natural Languages: English, Spanish