

Alex Yahn

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PROFESSIONAL SUMMARY

Computer Engineering student at Cal Poly SLO with a track record of building and deploying full-stack platforms used by real customers. Brings hands-on experience across the full stack using Python, JavaScript, Next.js, and React Native, and a history of collaborating with institutional stakeholders to ship production software.

EDUCATION

California Polytechnic State University – San Luis Obispo

Bachelor of Science in Computer Engineering. GPA: 3.97/4.00.

September 2025 - June 2029

EXPERIENCE

Customer Service Associate

Sunset Beach Cafe

- Served 150+ customers per shift in a fast-paced environment while maintaining order accuracy.
- Resolved customer concerns professionally and coordinated with team members across shifts.

June 2025 -August 2025

June 2026, August 2026

Sammamish, Washington

PROJECTS

The Lannes

Educational Technology Platform

- Developed and deployed a student efficiency platform with 15+ active users, targeting a potential userbase of 20,000.
- Collaborated with 3 professors and 6 staff members at Cal Poly SLO to define ethical implications and test functionality and security.
- Built using Python, Inngest, Vercel, Supabase, HTML/CSS, and Git; live at thelannes.com.

Rivoba

Cashless Tipping Bracelet

- Programmed an NFC chip to route users to a website enabling cashless tipping for customer service workers across multiple payment systems.
- Designed a bracelet to fit all wrist sizes and properly house the NFC chip; bracelets are currently in active sales.
- Built using Python, Next.js, React Native, Supabase, and Stripe; live at Rivoba.com.

Nexlo

Student Marketplace Application

- Built a marketplace application allowing college students to list, search, and purchase items such as bikes, furniture, and textbooks.
- Designed the app to restrict access to verified college students.
- Developed as a pre-launch minimum viable product using Python, Next.js, and React Native.

Quantum Algorithm Implementations

Independent Research Project

- Independently implemented fundamental quantum algorithms including Deutsch-Jozsa, Grover, and Shor's algorithm using Qiskit, executed on real quantum hardware.
- Applied concepts in Quantum Error Correction and Quantum Key Distribution through algorithm study and simulation.

SKILLS

Languages: Python, JavaScript

Frameworks & Tools: Next.js, React Native, Supabase, Inngest, Vercel, Stripe, Git, GitHub, VS Code

Quantum & Concepts: Qiskit, Quantum Error Correction, Quantum Key Distribution, Data Structures