Jonathan Lau

Arcadia • jonathanbrianlau@gmail.com • 626 677 1665 • Personal Website • jjonathanlauu

Career Objective

Motivated computer science student at California Polytechnic University, San Luis Obispo, graduating in June 2026, with experience in full-stack development and interactive applications. Brings strong problem-solving skills, a passion for building impactful software, and the ability to contribute immediately to dynamic engineering teams.

Education

California Polytechnic State University, San Luis Obispo   *September 2022 - Present*
Bachelor of Science in Computer Science

- **Coursework:** Systems Programming, Database Systems, Discrete Structures, Algorithms

Experience

Lead Frontend Developer   *Los Angeles, CA*
SAY!T Mental Health   *Jul 2025 – Present*

- Lead the frontend engineering team in building the company's iOS app in Swift, designed to gamify the mental health journey for Gen Z.
- Collaborated with designers and backend engineers to complete features supporting the mobile app

Integem Intern   *San Marino, CA*
Integem Inc.   *June 2024 – Aug 2024*

- Supported 100+ students (ages 7–17) in debugging and troubleshooting code, resulting in faster program execution and improved application stability across Unity, Python, and Scratch projects.
- Assisted in the development and testing 10+ AR projects using Integem's HoloAR platform, allowing my students to create their own interactive 3D experiences.

Software Developer   *San Luis Obispo, CA*
Hack4Impact   *October 2024 – Present*

- Collaborated with a team of 10 developers to build a full-stack web application for Habitat for Humanity, streamlining the scheduling and tracking of donation pickups for 100+ households
- Collaborated with teachers and staff to monitor progress and adjust tutoring approaches to fit individual student needs.

Projects

Habitat for Humanity

- Collaborated with a team of 10 developers to build a logistics management web platform for Habitat for Humanity, enabling real-time vehicle tracking, automated mileage logging, and itemized donation recording, streamlining operations for 100+ monthly pickups.
- Languages Used: Node.js, Next.js, AWS, Express

PumPlanner

- Developed PumPlanner, a web app designed for college students to track workouts, set fitness goals, and visualize progress, improving workout consistency among 20+ beta users during user testing.
- Languages Used: Python, HTML, React, Node.js, MongoDB

Skills

Programming Languages: Python, Java, C, HTML/CSS, SQL

Applications: Microsoft Office, GitHub, MongoDB, Pycharm, InteliJ, Postman