

# Jonathan Lau

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## Career Objective

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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

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**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

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**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

**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.

**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.

## Projects

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### 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

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

**Applications:** Microsoft Office, GitHub, MongoDB, Pycharm, IntelliJ, Postman