

Jonathan Lau

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Education

California Polytechnic State University, San Luis Obispo <i>B.S. in Computer Science</i>	<i>Sep 2022 – Present</i> <i>Expected Jun 2026</i>
◦ Coursework: Data Structures, Algorithms, Systems Programming, Databases, Mobile App Development	

Experience

Lead Frontend Developer <i>SAY!T Mental Health</i>	<i>Los Angeles, CA</i> <i>July 2025 – Present</i>
◦ Led frontend development of a production iOS mental health application, owning implementation of on-boarding, daily check-ins, and progress tracking features.	
Software Developer <i>Hack4Impact</i>	<i>San Luis Obispo, CA</i> <i>September 2023 – Present</i>
◦ Built and deployed a full-stack web platform for Habitat for Humanity, enabling staff to manage donation scheduling and tracking for 100+ households.	
Integem Intern <i>Integem Inc.</i>	<i>San Marino, CA</i> <i>June 2024 – August 2024</i>
◦ Debugged and optimized applications across Unity, Python, and Scratch, improving stability and execution reliability across projects.	
◦ Assisted in development and testing of 10+ augmented reality projects using Integem's HoloAR platform, gaining hands-on experience with AR workflows and 3D interactions.	

Projects

ShotCaller AI	
◦ Developed a full-stack NBA game outcome prediction system using historical and live game data to estimate win probabilities.	
◦ Exposed real-time predictions through a FastAPI backend consumed by a Next.js frontend.	
Landlord Fortress	
◦ Designed and developed a full-stack web application using React and Node.js, featuring user authentication, an e-commerce storefront, and a community discussion forum.	
◦ Implemented backend APIs and database models to support content management, transactions, and user interactions.	
Stop Global Warming Daily	
◦ Contributed core features to a mobile-first sustainability platform through Hack4Impact, enabling users to track eco-friendly habits and visualize progress toward personal goals.	

Skills

Languages: Python, JavaScript/TypeScript, SQL, Swift

Frameworks: React, Next.js, FastAPI, SwiftUI

Databases: MongoDB, Supabase

Tools & Platforms: Git, AWS (S3), REST APIs, Xcode