Amir Aunyasopon

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EDUCATION

University of California, Irvine — Irvine, CA
Bachelor of Science in Computer Science — Expected Graduation: June 2028

EXPERIENCE

Software Engineer Intern — Dec. 2025 – Present
Opal — Irvine, CA
- Built serverless data pipelines using AWS Lambda to process and store 300+ user profiles in DynamoDB, reducing matching cycle time from 7+ days to minutes
- Developed automated Python Lambda functions to parse and validate Slack form submissions, handling 100+ weekly user inputs with 99.9% accuracy
- Streamlined RESTful API endpoints to handle Slack webhook events and real-time user interactions, processing 150+ requests daily with 99.9% uptime

Game Developer — Sep. 2025 – Dec. 2025
Dungeon Dilemma — Irvine, CA
- Coordinated with game balance team to integrate dynamic pricing and reroll mechanics for 15+ items using C# and Scriptable Objects, achieving 80% positive feedback on shop economy
- Collaborated with 3 programmers and 2 designers to develop a shop system, managing 5 shop interface components, reducing implementation bugs by 30% through peer code reviews
- Optimized game performance by 20% by refactoring 10+ scripts across 3 major system folders including Player Logic, Mechanics, and UI controllers

Data Analytics Intern — June 2025 – Aug. 2025
City of Burbank — Burbank, CA
- Achieved 35% improved savings for 50+ library programs by leveraging Excel Pivot Tables and SUMIF formulas to analyze 150+ financial transactions, and presented data-driven recommendations
- Minimized resource search time by 50% for 20+ learners by developing a literacy resource inventory system using the Airtable database to structure 200+ ESL materials with filterable categories
- Worked with library team to improve accessibility to the English learner section for the general public by cataloging 300+ books based on Lexile levels

PROJECTS

ZotRooms | *React, Next.js, Material UI, Tailwind CSS, JavaScript*
- Developed a platform which enables UCI students to search and reserve study rooms with real-time availability. Integrated Anteater API to fetch live room data, implemented custom filtering logic to search 100+ rooms by date, time, and location, and implemented a responsive interface with Material UI and Tailwind CSS

Community Forums Platform | *React, Vite, Supabase, CSS, JavaScript*
- Built a responsive forums web application with 10+ interactive features including post creation forms, threaded commenting, search and sort functionality, and secure authentication middleware, achieving 40% faster load times through optimized Vite bundling and component lazy loading for enhanced user experience

ACTIVITIES & LEADERSHIP

President — Dec. 2025 – Present
Google Developer Group on Campus – UC Irvine — Irvine, CA
- Managing chapter operations and a team of 10 officers to execute events, grow membership, and connect students with industry mentorship and career opportunities
- Leading a developer community of 100+ members by organizing technical workshops, speaker events, and study jams focused on Google technologies including Android, AI Studio, and Cloud

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C#, C++, HTML, CSS
Frameworks & Tools: React.js, Spring Boot, Vite, Next.js, Git
Cloud: AWS Lambda, DynamoDB