

Amir Aunyasopon

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EDUCATION

University of California, Irvine
Bachelor of Science in Computer Science

Expected Graduation: Jun 2028
Irvine, CA

EXPERIENCE

World Wide Technology

Jun 2026 – Present

Software Engineer Intern

St. Louis, MO

- Added filtering capability to a Java Spring Boot API, enabling profit and loss viewing across 5 regional segments.
- Engineered a React.js and TypeScript dashboard giving analysts and PMs a web UI for Power Automate flows.
- Built a management dashboard integrating Claude-based scoring to reduce duplicate work across 10,000+ projects.
- Created a RAG chatbot with Azure OpenAI that unifies documentation across 3 teams, saving doc searching time.

Opal

Dec 2025 – May 2026

Software Engineer Intern

San Francisco, CA

- Architected AWS Lambda pipelines that store 300+ profiles in DynamoDB, replacing manual data entry.
- Streamlined Python REST API endpoints handling Slack webhooks, processing 150+ daily requests.
- Delivered a React.js mentorship matching dashboard serving 30+ SWE++ students at Santa Clara University.

PROJECTS

RESTful Sports Analytics API | *Java, Spring Boot, AWS (EC2, S3, RDS)*

- Developed a Spring Boot JPA module for player stats with CRUD operations, dynamic search, and filtering.
- Created and configured service and initialization components using dependency injection and transactional logic.

AI-Powered 3D Real Estate Design Platform | *TypeScript, Python, C#, React.js, Next.js*

- Developed a Unity WebGL and React.js tool to tour and furnish virtual homes in a first-person 3D environment.
- Architected a Gemini 2.5 pipeline turning images into search queries, sourcing 1000+ listings via SERP API.
- Integrated Tencent's Hunyuan 3D-2 generative AI model to transform 2D images into 3D assets (500k+ faces).

Golden Hour Finder | *JavaScript, Chrome Extension (Manifest V3), esbuild*

- Launched a Manifest V3 Chrome extension that parses Google Maps URLs to show golden and blue hour times.
- Integrated Chrome Tabs, Storage, and Geolocation APIs to support both Google Maps and device-based locations.

Study Room Booking Application | *JavaScript, React.js, Next.js, Tailwind CSS, Material UI*

- Created a study room reservation web app using React.js, featuring real-time search and custom filtering.
- Optimized Anteater API integration with debounced search and error-handled data fetching of 100+ study rooms.

LEADERSHIP

Google Developer Group on Campus at UCI

Dec 2025 – Present

President

Irvine, CA

- Shipped a React.js chapter website that streamlines event discovery and club resources for 200+ members.
- Lead 10 officers to execute events, student-led projects, and mentorship with industry professionals.

TECHNICAL SKILLS

Programming Languages: Java, Python, TypeScript, JavaScript, C++, HTML, CSS

Frameworks/Databases: Spring Boot, React.js, Next.js, PostgreSQL, MongoDB

Cloud & DevOps: Azure (App Service, Blob Storage), AWS (EC2, S3, RDS, Lambda, DynamoDB), Docker

Tools: Git, CI/CD, Postman, RESTful APIs, GitHub Copilot, Claude Code, Power BI, Power Automate