

Kirby Ammari

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EDUCATION

University of California, Irvine

Expected Graduation Mar. '24

Bachelor of Science in Computer Science | GPA: 3.84 | Regents Scholar

Relevant coursework: Python, C#, C/C++, Computer Organization, Statistics, Data Structures/Algorithms, Information Retrieval, Embedded Systems, Machine Learning, AI, Formal Language & Automata, SQL, Full-Stack Development

SKILLS

Languages: Python, SQL, C/C++, Typescript, Javascript, Java, Kotlin, HTML/CSS, C#

Tools & Frameworks: React, Android Studio, Unity, VS Code, React Native, Git/GitHub, AWS, Rest APIs, Docker, Linux

WORK EXPERIENCE

Amazon - Software Development Engineer Intern | Irvine, CA

Jun. '23 – Sep. '23

- Led development of key features on an internal tool used across teams, improving the deployment time of fulfillment centers significantly and enhancing coordination between 3rd party labor teams and project managers.
- Designed and developed an SQL procedure to cross-check new and existing data to save project managers weeks of additional work while improving our SQL database design for readability and efficiency.
- Tools: SQL, Typescript, React, AWS, Node.js, Github

Public Agency Retirement Services - Information Technology Assistant | Newport Beach, CA

Jun. '22 – June. '23

- Collaborated closely with software engineers to accurately input agency and plan data into Microsoft Dynamics.
- Implemented a new asset tracking system managing 300+ assets using Excel and AssetTiger.

In-N-Out - Level 3 Store Associate | Foothill Ranch, CA

Sep. '19 – Feb. '21

PROJECTS

TypeJam - Web Application | Developer

Nov. '22

- Developed interactive typing competition platform, incorporating Liveblocks API for real-time collaboration.
- Crafted and implemented menu screens, scoring systems, and other user-engaging features.
- Tools: React.js, SCSS, Liveblocks, Node.js, Github

Fabflix - Database Web App | Developer

Sep. '23 – Dec. '23

- Developed a web (JS, jQuery, Ajax) and Android front-end with proper separation using the same backend API.
- Design an ETL pipeline to parse large XML files to add to an already populated database filtering out faulty data.
- Completed ~20 features, e.g., cart system for ordering movies supported by Tomcat sessions, secure login with SHA256 and reCAPTCHA, full-text search, protection from SQL injection, and auto-complete searching with cache.
- Tools: Tomcat, Java, MySQL, JDBC, HTTPS, RESTful APIs, Javascript, Apache, Git, AWS, jMeter, Android, reCAPTCHA

LEADERSHIP & AWARDS

ICS Student Council - Co-President | UC Irvine

May '23 – Present

- Manage a diverse organization of 80+ individuals across 6 teams.
- Host a variety of technical, professional, and social events for ICS students.
- Oversee the development of open-source applications, benefiting thousands of UCI students, and collaborating with professors and faculty to enhance the School of ICS.

ICS Student Council - Corporate Chair | UC Irvine

May '22 – May '23

- Organized multiple corporate events for ICSSC to assist members in their professional and technical development through resume workshops, Git workshops, and sponsored recruitment information sessions.

Hack@UCI - Logistics Organizer | UC Irvine

Apr. '22 – Present

- Coordinated workshops and events across Hack At UCI, ZotHacks, and VenusHacks supporting the creation of over 100 projects developed by students across the country.
- Led multiple successful fundraising initiatives, resulting in enhanced event quality and positive attendee feedback.