**Zeid Aldaas**

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EDUCATION

**California State University, Fullerton***B.S. Computer Science* | Current GPA: 3.76 | Expected Graduation: May 2025

**Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, OOP, Operating Systems, Databases, Computer Communications, Network Security

EXPERIENCE

**Software Developer**

*QIQ* | Remote | March 2025 - Present

* Collaborating with startup team to architect and develop a cutting-edge software solution
* Driving innovation and problem-solving in a fast-paced, iterative development environment
* Ensuring code quality, maintainability, and robustness through best coding practices
* Details about the startup restricted due to confidentiality

**Data Automation Developer**

*Edwards Lifesciences* | Irvine, CA | September 2024 - Present

* Leading a team in developing a Python-based automation tool to streamline complex data analysis workflows, reducing analysis time by over 50% and minimizing human error
* Implementing advanced algorithms to accurately extract critical metrics, ensuring high precision and reproducibility
* Designing a user-friendly interface, enabling seamless integration into existing workflows and facilitating ease of use for diverse technical teams

**Software Engineering Fellow**

*Headstarter AI* | Remote | July 2024 - September 2024

* Developed key projects using technologies such as React, Next.js, Firebase, AWS, Vercel, Stripe, and Clerk
* Created AI-powered web applications leveraging RAG with Pinecone, utilizing API integrations with OpenAI and Llama models
* Acquired practical experience in AI-driven solutions, web development, and the integration of advanced methods

PROJECTS

**Knight's Quest** | *C#, Unity, AI/ML* | [View Demo](https://www.youtube.com/watch?v=SKZj4OPUKN8), [View Code](https://github.com/Zaldaas/Knights-Quest)

* 2D platformer video game project developed in Unity containing 3 levels with varying mechanics, from platform jumping, to hazard dodging, to combat with a final boss intelligently trained with a neural network

**SportSpot** | *Java, XML, Git, Firebase, Android Studio, Agile Methodologies* | [View Presentation](https://zaldaas.com/misc/SportSpotPresentation.pdf), [View Code](https://github.com/Zaldaas/SportSpot)

* Mobile app to set up and find pickup sports events through registering and finding other users to connect with, alongside the ability to create and view other posts

**AI Rate My Professor** | *JavaScript, HTML/CSS, Next.js, React, AWS, OpenAI, Pinecone, RAG* | [View Demo](http://3.15.143.97/), [View Code](https://github.com/Zaldaas/AI-Rate-My-Professor)

* Intelligent AI-powered chatbot that helps students find detailed information about professors, their teaching styles, and ratings using OpenAI API and Pinecone for RAG, deployed on an AWS EC2 instance

**CSUF College Database** | *TypeScript, HTML/CSS, SQL, PHP, React/Vite, Bootstrap, Laravel, CORS* | [View Demo](https://www.youtube.com/watch?v=tBPJWxzew3g), [View Code](https://github.com/Zaldaas/CSUF-College-Database)

* Web database application for the university that manages information related to professors, departments, courses, sections, students, and enrollments, integrating REST APIs for data retrieval and manipulation

SKILLS

* **Languages:** Python, C, C++, C#, Java, JavaScript, TypeScript, HTML, CSS, XML, SQL, PHP, Assembly Language
* **Web Development:** React/Vite/Next.js, Firebase, Angular, Bootstrap, Node, Laravel, .NET, Flask, CORS
* **Platforms & Tooling:** Git, Linux, AWS, Vercel, Android Studio, Jupyter NB, OpenAI, Stripe, Clerk, Pinecone, Unity
* **Concepts:** Data Analytics, AI, ML, RAG, Cybersecurity, Software Engineering, Agile Methodologies