

Zeid Aldaas

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EDUCATION

California State University, Fullerton

B.S. Computer Science | Current GPA: 3.76 | Expected Graduation: May 2025

EXPERIENCE

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 Development Intern

Solid Innovation Studio | Remote | January 2025 - March 2025

- Migrating Titan Routes app from iOS to Android, adapting platform-specific design principles and optimizing the codebase for cross-platform compatibility.
- Enhancing app functionality and performance by implementing new features and streamlining processes to improve responsiveness and scalability.
- Conducting rigorous testing and quality assurance to ensure a seamless and reliable user experience across platforms post-migration.

Software Engineering Fellow

Headstarter AI | Remote | July 2024 - September 2024

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

PROJECTS

Knight's Quest | C#, Unity, AI/ML | [View Demo](#), [View Code](#)

- 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](#), [View Code](#)

- 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](#), [View Code](#)

- 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 AWS EC2 instance.

CSUF College Database | TypeScript, HTML/CSS, SQL, PHP, React/Vite, Bootstrap, Laravel, CORS | [View Demo](#), [View Code](#)

- 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, GCP, Vercel, Android Studio, OpenAI, Stripe, Clerk, Pinecone, Unity.
- **Concepts:** Data Analytics, AI, ML, RAG, Software Engineering, Agile Methodologies.