

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 - Present

- 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 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.

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

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

AI Flashcards | JavaScript, HTML/CSS, Next.js, React, Git, Firebase, OpenAI, Stripe, Clerk | [View Code](#)

- Website which can generate a series of flashcards based on user input using OpenAI, with subscription tiers available for more advanced features managed by Stripe and Clerk.

SKILLS

- **Languages:** Python, C/C++/C#, Java, JavaScript, TypeScript, HTML, CSS, XML, SQL, PHP, Assembly Language.
- **Web Development:** Vite, React, 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, Software Engineering, Agile Methodologies.