**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 Engineering Fellow**

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

* Developed key projects using technologies such as HTML, CSS, DNS, ReactJS, NextJS, Firebase, OpenAI, AWS, Authentication, Stripe API, RAG, and Vectors.
* 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* | [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, Firebase, Git, Android Studio, Agile Methodology* | [View Code](https://github.com/Zaldaas/SportSpot)

* Mobile app to set up and find pickup sports events through connecting with other users and their posts.

**AI Flashcards** | *JavaScript, React, Firebase, Git, OpenAI, Stripe, Clerk* | [View Code](https://github.com/Zaldaas/-AI-Flashcards-Stripe)

* Website with subscription tiers which can generate a series of flashcards based on user input using OpenAI.

**College Database** | *SQL, PHP, HTML, Linux* | [View Code](https://github.com/Zaldaas/College-Database)

* Web database application for a university that manages information related to professors, departments, courses, sections, students, and enrollments.

**Technical Skills**

* **Languages:** Python, C/C++/C#, Java, JavaScript, HTML, CSS, XML, SQL, PHP, Assembly.
* **Web Development:** React, Node, Flask, Bootstrap, Firebase.
* **Platforms & Tooling:** Git, Linux, Unity, JupyterNotebook, Android Studio, VSCode
* **Concepts:** Data Analysis, AI/ML, Agile Methodology, Sales, Tutoring.