

Zeid Aldaas

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Education

California State University, Fullerton

B.S. Computer Science | Current GPA: 3.70 | Expected Graduation: May 2025

Relevant Coursework:

- Lower Division: CPSC 131 - Data Structures, CPSC 223P - Python Programming, CPSC 253 - Cybersecurity.
- Upper Division: CPSC 323 - Compilers and Languages, CPSC 332 - File Structure & Database, CPSC 335 - Algorithm Engineering, CPSC 351 - OS Concepts, CPSC 362 - Software Engineering, CPSC 375 - Data Science & Big Data, CPSC 386 - Game Design, CPSC 481 - Artificial Intelligence, CPSC 483 - Machine Learning.

Projects

Edwards Lifesciences – Automation of DSC Analysis | Python, Agile, Scrum

- Current project with Edwards Lifesciences to develop a Python-based script to automate DSC analysis with higher efficiency than traditional manual data analysis along with a GUI to display the results in detailed reports.

Knight's Quest | Unity, C#

- 2D Platformer video game project developed in Unity.

SportSpot | Firebase, Java, Git, Agile, Scrum | github.com/Zaldaas/SportSpot

- App to set up and find pickup sports events, currently being developed in Android Studio in Java.

AI Flashcards | Next.js, Firebase, Git, OpenAI, Stripe, Clerk | <https://github.com/Belalaskaik/-AI-Flashcards-Stripe>

- 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.

Technical Skills

- Languages: C/C++, C#, Python, Assembly, Java, Javascript, PHP, SQL, HTML, CSS.
- Web Development: React, Node, Firebase.
- Miscellaneous: Git, Unity, Linux, Agile, Scrum, Sales, Account Management, Tutoring.

Experience

Tutor

Study Hut Tutoring | Newport Beach, CA | September 2024 – Present

- Provide one-on-one tutoring in various academic subjects, with a focus on advanced mathematics, biology, and chemistry to K-12 students in a relaxed and supportive environment.
- Deliver personalized academic support tailored to individual needs, helping students excel in their subjects.
- Create a fun and engaging learning atmosphere while maintaining organizational skills and a proactive approach to student progress.

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 using RAG with Llama, OpenAI, and Gemini API integrations.