

# Zeid Aldaas

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## EDUCATION

### California State University, Fullerton

B.S. Computer Science | January 2023 - May 2025 | GPA: 3.73

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

## EXPERIENCE

### Full Stack Developer

*Stealth Startup* | Remote | March 2025 - Present

- Developed and maintained a full-stack web application in the healthcare EDI domain using Python (Django) and Vue.js
- Built and optimized secure, scalable RESTful APIs and frontend components, ensuring compliance with X12 standards
- Collaborated in an agile environment, contributing to product architecture, rapid prototyping, and end-to-end feature delivery under tight deadlines

### Data Automation Developer

*Edwards Lifesciences* | Irvine, CA | September 2024 - May 2025

- Led a cross-functional team in the end-to-end development of DSC PhasePro, a Python-based automation tool that streamlines complex DSC data analysis workflows, minimizing human error and cutting analysis time by over 50%
- Implemented advanced data processing and algorithmic solutions to automatically detect overlapping phase transitions and extract precise transformation temperatures and enthalpies with high reproducibility
- Designed a user-friendly interface featuring interactive plots containing visualization of DSC analysis results, along with search, edit, and export capabilities, ensuring intuitive use and seamless integration into existing R&D workflows

### 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 OpenAI API integrations
- Worked in an agile team alongside other fellows, contributing to sprint-based development cycles, feature planning, and peer code reviews to ensure rapid and reliable delivery

## PROJECTS

**AI Rate My Professor** | *Python, JavaScript, HTML/CSS, Next.js, 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 an AWS EC2 instance

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

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

**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

**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

## SKILLS

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