

Saadiyah Asif

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Education

University of Wollongong in Dubai
Bachelor of Computer Science

Expected Grad: Jan 2026

Projects

AceCards | *Material UI, NextJS, OpenRouter, Stripe API, Clerk, Firebase*

- Led a team in the collaborative development of an AI-powered flashcard generator, allowing users to create customized flashcards from text prompts in minutes.
- Directed the integration of the Stripe API for secure payment processing, enhancing the platform's monetization strategy.

StarProfs | *NextJS, Python, Pinecone, Gemini API, Llama, Material UI*

- Built a web platform that stores professor reviews in vector databases using Pinecone, enabling efficient semantic search to match users with professors based on their preferences.
- Utilized the Gemini API for generating embeddings and the Llama Model for creating and refining reviews, ensuring accurate and relevant search results.

Experience

Headstarter AI

Jun 2024 - Present

Software Engineering Fellow

- Developing and deploying AI projects, adhering to best practices in web technologies and full-stack engineering.
- Writing clean, maintainable, and testable code to enhance application stability and scalability.
- Troubleshooting, debugging, and optimizing Node.js applications for improved performance and reliability.

UOWD Sustainability Society

Secretary

Oct 2023 - Present

- Assisted the President in making informed decisions for team recruitment and resource planning for events.
- Scheduled and coordinated inter-departmental meetings to enhance cross-functional collaboration.

Skills

Languages: Python, SQL, R, C++, HTML, CSS, Javascript, Git

Technologies: NextJS, React, Material UI, Firebase, Pinecone, GitHub, Vercel

Other Skills: Excel, Powerpoint, Canva, Writing, System Design, Product Innovation

Certification

Programming with Python: Harvard University (CS50)

Data Analytics and Visualization: Accenture (Forage)

Honors & Awards

Golden Visa UAE Government

Leadership & Activities

UOWD Finance Society (*Executive*)

Apr 2024 - Present

Kode With Klossy Summer Camp (*Data Science*)

Jun 2023