AMIR CHEIKH

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in amircheikh ⊙ amircheikh

Education

University of Windsor · 2022 to Current
Bachelor of Science Honours Computer Science with Software Engineering Specialization (Co-op) 2026

Skills

TOOLS: AWS, GCP, Git, PostgreSQL, Docker, Unity
LANGUAGES: Python, TypeScript/JavaScript, Java, Bash, C#, C, HTML, CSS
FRAMEWORKS & LIBRARIES: Node.js, Next.js, FastAPI, Flask, React, Pytorch, TensorFlow, Pandas, TorToiSe, OpenAI-API

Employment

Oranda AI
Software Developer Intern · Dec. 2022 to Apr. 2023 · Remote
- Spearheaded the development of the backend infrastructure for a cutting-edge AI-driven art platform, leveraging FastAPI, GCP, and AWS
- Played a pivotal role in the frontend development efforts by creating a dynamic and user-friendly interface using React
- Developed an innovative legal tool for a local real estate firm that transformed the traditional, cumbersome process of legal document navigation into a streamlined, AI-enhanced experience

University of Windsor
Teaching Assistant - Key Concepts in Computer Science · Sept. 2023 to Current · Windsor ON
- Conducted regular office hours to facilitate learning, addressing academic queries and reinforcing key concepts, ensuring students comprehended the subject material
- Held weekly laboratory sessions, emphasizing the practical application of theoretical concepts
- Assessed and graded lab work with keen attention to detail, providing constructive feedback to drive student excellence

Sobeys
Frontend Clerk · July 2022 to Current · Lakeshore ON
- Ensured a clean and inviting environment, making customers feel welcomed and prioritizing their safety
- Cultivated key team-building and collaboration skills through consistent interaction and coordination with colleagues

LaSalle Stompers
Soccer Coach · June 2021 to Aug. 2022 · LaSalle ON
- Orchestrated a fun and educational soccer environment, fostering both skill development and enjoyment for children and their parents
- Played a pivotal role in molding young minds, instilling values of teamwork, discipline, and sportsmanship

Projects

Amir's AI Texture Generator
Unity, OpenAI, DALLE-2
- Developed a plugin for the Unity Game Engine that allows users to seamlessly generate textures for their video games using OpenAI's DALLE-2 directly in the editor. Available as a **free download** from the Unity Asset Store

ChatGPT NPCs in Unity
Unity, OpenAI, ChatGPT
- Integrated OpenAI's ChatGPT into an in engine game demo to create expressive and customizable characters. Available **for users to clone** and integrate into their own projects

AI Text to Speech Discord Bot
Discord-API, TorToiSe, Pytorch
- Created a discord bot that allows users to generate text to speech .wav files that is spoken by a user defined, custom trained voice