

MOHAMMED ODEH

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in moe-odeh 🔄 moeodeh3

LANGUAGES: JavaScript/TypeScript, Python, Java, SQL, HTML, CSS, C

FRAMEWORKS: React, Flask, Node.js, PyTorch, Tensorflow, Pandas, NumPy, Tailwind, Vite

TOOLS: GCP, Git, AWS, Docker, PostgreSQL, Figma, Anaconda

EDUCATION

University of Windsor

Sept. 2022 - Apr. 2026

BSc Computer Science (Software Engineering Specialization) Co-op

EXPERIENCE

Oranda AI

Windsor, ON

Software Developer Intern

Dec. 2022 - Apr. 2023

- Led development on the back-end infrastructure for an innovative AI-driven art platform, using PyTorch, FastAPI, GCP, and PostgreSQL
- Reduced inference cost by **40%** for a proprietary Stable Diffusion model by transitioning to serverless GPU hosting
- Developed an innovative legal tool that transformed the process of navigating PDF documents into a seamless, AI-enhanced experience for a prominent real estate firm

Affine DeFi

New York, NY

Community and Partnerships Coordinator

Sept. 2023 - Nov. 2023

- Initiated contact with potential brands to explore co-marketing and collaboration opportunities
- Managed social media accounts for the brand including Discord and Twitter
- Enhanced Discord management and security by introducing automated bots

PROJECTS

VisionSelfCheckout

- Designed and implemented a self-checkout system, utilizing computer vision for object detection and recognition, featuring a React front-end, Python-based backend incorporating a custom YOLOv8 model, and a PostgreSQL database

ClockIn

- Developed a full-stack application for a fingerprint recognition clock-in system, incorporating a React front-end, Python-based backend using FastAPI, and a GCP-stored database, accompanied by an admin panel facilitating user management

AutoScreening Tool

- Built a Java program automating COVID screening procedures for my high school, shared with fellow students, utilizing the Selenium library for implementation