

# MOHAMMED ODEH

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**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 - Current

BASc Computer Science (Software Engineering Specialization)

## EXPERIENCE

**Oranda AI**

Remote

**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**

Remote

**Community and Partnerships Coordinator**

Sept. 2023 - Current

- 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**

- A full-stack self-checkout system leveraging computer vision for object detection and recognition. The **source code** includes a React front-end, Python-based backend with a custom YOLOv8 model, and a PostgreSQL database

**ClockIn**

- A full-stack application for a fingerprint recognition clock-in system with a database stored on GCP. The **source code** includes a React front-end, Python-based backend powered by FastAPI, complemented by an admin panel for user management through user addition and removal

**AutoScreening Tool**

- Developed a Java program that automated COVID screening procedures for my high school and made it available to fellow students. This **program** utilises the Selenium library for implementation