Ammar Ogeil

Ammar Ogeil | (416) 830-6514 | ammarogeil@gmail.com | Ontario, Canada

I am a computer science graduate, taking on challenging projects to improve and refine my skills as a software engineer and programmer.

Online Portfolio

Experience

Full-Stack Developer, Exclusive Trade Network (September 2024 - Present):

Led the development of a full-stack CRM and contractor marketplace using Django, React, PostgreSQL, and Cloudinary. Engineered features including user authentication, contract generation, and real-time messaging. Integrated Heroku deployment and implemented secure file storage. Improved workflow efficiency by automating contract workflows, reducing manual admin work by 40%.

Directed Research Assistant, Wilfrid Laurier University (May 2024 - August 2024):

Conducted research focused on Quantum Machine Learning. Developed a quantum clustering algorithm from scratch Authored a research paper detailing the algorithm's methodology and potential applications

Projects

Quantum Clustering Algorithm – Research Project Built a quantum clustering algorithm using Qiskit and Python. Implemented custom distance metrics for high-dimensional datasets. Results documented in a formal research paper exploring its applications in financial risk classification and portfolio clustering.

Education

Wilfrid Laurier University - Bachelor of Science, Computer Science with a minor in biology

2021-2025   Waterloo, ON

Abbey Park High School - High School Diploma

2021   Oakville, ON

Skills

• **Programming & Tech:** React, Django, PostgreSQL, Git, Cloudinary, Heroku, JavaScript, Python.

• **Machine Learning:** Supervised Learning, Reinforcement Learning, Clustering Algorithms, Model Evaluation, Feature Engineering.

• **Soft Skills / Other:** Collaboration, Communication, Time Management, Adaptability.