

Gurleen Singh

gurisapuriya@gmail.com | (742) 588-2701 | Oshawa, ON | [LinkedIn Profile](#)

EDUCATION

Durham College Oshawa, ON

Expected: April 2027

Honours bachelor's degree, Major: Artificial Intelligence

Current GPA: 4.88/5.0

- **Relevant Coursework:** All the Machine learning foundational courses using python, all Mathematics courses for AI, production workflow related courses, Neural networks, NLPs, Human Computer interaction course.
- Regarded in the College Honour Roll in every semester.

PROJECTS

Time Series Forecasting (<https://github.com/gurisapuriya/time-series-forecasting/tree/main>)

- An end-to-end time series forecasting model application build with FastAPI, deployed on GCP with Docker. Front-end designed using Streamlit & integration with OpenAI Schema that enables real-time forecasting serving multiple users with an interface.

Deepfake Video Detection (<https://github.com/gurisapuriya/Deepfake-video-detection>)

- Developed a hybrid CNN-LSTM model with InceptionV3 transfer learning for classification task. Preprocessing the video frames, feature extraction, video prediction functions are implemented as an end-to-end pipeline for structured real datasets with evaluation metrics.

Durham College Navigation UI design ([Figma prototype link](#))

- Designed an interactive, clickable & responsive high-fidelity prototype for my college's navigation app UI using Figma focusing on accessibility & intuitive solutions after conduction user research for better UX.

WORK EXPERIENCE

Value Village

Feb. 2024 – Present

Community Donation Centre Ambassador (Part-time)

Oshawa, ON

- Accepting donations on behalf of Diabetes Canada and working in fast-paced environment dealing with customer service.

Ready to apply my soft skills in addition to my technical skills in the industry to help deliver effective client ready solutions.

VOLUNTEERING

Durham College

Summer 2024 – Present

- Volunteering in ExploreAI Workshop Program at Durham College & at activities during program orientations.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Certification in DSA using C++ from Coding blocks, India.
- **Technologies:** Python, C++, SQL, Scikit-learn, Pandas, NumPy, Matplotlib, Plotly, Seaborn, FastAPI, Docker, Docker Compose, GCP, Power BI, Streamlit, Tableau, Figma, TensorFlow & Keras, (currently learning Pytorch), Git & GitHub, Prompt Engineering, Deep Learning, CI/CD pipelines.
- **Skills:**
 - Proficient in programming in Python with idea of the production workflows during project building.
 - Understanding of underlying mathematics for AI/ML and fundamental ML algorithms.
 - Good at problem solving with critical thinking & familiar with various types of testing.
 - Always ready to collaborate with the team as a dedicated learner with ability to adapt and grow.
- **Interests:** Travelling, Arts (realistic portraits, painting), Reading books etc.