Muhammad Jibran Khan

✉ jibkhan209@gmail.com | in muhammadjibrankhann | 🌐 jibranKhan.com | 📞 647-551-6484

EDUCATION

University of Ontario Institute of Technology   Sep 2022-Apr 2027 (Expected)
Oshawa, ON Bachelor of Science - Computer Science, Minor in Mathematics (Co-op)

SKILLS

Languages: Python, Java, C/C++, Clojure, Kotlin, SQL, R, Javascript/TypeScript/React, Dart
Frameworks: Django, Flutter, Jakarta EE, Flask, Shadow-cljs, Leiningen
Tools/Technologies: Power BI, Maven, Java Websockets, Linux, JDBC, Git, ANTLR, PostgreSQL, SQLite, H2, Firebase, S3 Bucket

EXPERIENCE

Data Quality Assurance Engineer — *RLHF, Python, LaTeX, Mathematics*   Sep 2024 – Present
Remote Outlier.ai
- Evaluated AI models by analyzing their responses to complex mathematical and coding problems.
- Assessed model response based on factual accuracy, adherence to prompt instructions, and conciseness
- Used RLHF workflow, which involved inducing and correcting logical errors to improve model robustness and learning.

Full-Stack multi-platform developer — *Flutter, Dart, Firebase*   Feb 2025 – Apr 2025
Wennovate Consulting (Riipen Level Up Program)
- Developed features for FreshFarmily, a mobile application built with Flutter and Dart, aiming to connect farmers and consumers and reduce food waste.
- Contributed to the design and implementation of an intuitive user interface for a marketplace platform, focusing on seamless product listing and purchasing.

DevOps & Front-end developer — *TypeScript React, Kubernetes, Docker*   Mar 2025
Wouessi (Brilliant Catalyst Program)
- Contributed to the development of a tender discovery platform, specializing in front-end component design using TypeScript React.
- Collaborated within a DevOps team on cloud infrastructure integration efforts, gaining exposure to Kubernetes and Docker environments.

PROJECTS

⌘ UFC Stats Tracker — *Django, BeautifulSoup, PostgreSQL*
- Developed a Django-based multi-tiered system with a front end, Python script back end, and a PostgreSQL relational database.
- Implemented systematic web scraping algorithms using Python, Requests, Regex, and BeautifulSoup to iteratively extract UFC fighter and bout data from multiple webpage hierarchies.
- Designed and implemented ETL pipelines using Python and SQL, cleaning, and loading of data into the database, ensuring accuracy and consistency through structured SQL database operations.

⌘ Stock Market Prediction — *Scikit-learn, Pandas, yfinance, streamlit, tensorflow*
- Developed a stock price prediction application prototype using Python and Streamlit, featuring an interactive web interface for user input and visualization.
- Implemented a Long Short-Term Memory (LSTM) neural network with TensorFlow/Keras for time series forecasting of historical stock data.
- Performed data preprocessing, including fetching historical data with 'yfinance', MinMax scaling, and creating sequences for model training.
- Utilized libraries like Pandas and NumPy for data manipulation and analysis, and Matplotlib for visualizing prediction results.