

# 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)

## QUALIFICATIONS

- Proficient in Python (nearing 6 years of experience) with extensive use of libraries (Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, Requests) and frameworks (Django, Flask) for web development and data analysis.
- Experienced in data mining, analysis, and storage, utilizing PostgreSQL, SQLite, and H2 databases with JDBC, Django ORM, Firebase, and sqlite3 for data access and manipulation.
- Proficient in data visualization and business intelligence tools, including Power BI, R, Matplotlib, and Seaborn
- Experienced with virtual machine environments, including Ubuntu (Linux) and Android VMs for application testing and deployment
- Experienced in developing RESTful applications using Java, Jakarta EE, and Django.

## SKILLS

**Languages:** Python, Java, C/C++, Clojure, Kotlin, SQL, R, Javascript, Dart

**Frameworks:** Django, Flutter, React.js, Jakarta EE, Flask

**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.

## PROJECTS

🔗 **UFC data Web scraper** — *Python, BeautifulSoup, SQLite3, Selenium* Nov 2024

- Developed a comprehensive web scraping system to extract data on 4,266 fighters, 7,689 fights, and 36,582 rounds
- Designed and implemented an ETL pipeline to process and store the data in SQLite database.

🔗 **UFC stats tracker website** — *Django, R, SQLite* Nov 2024 - Present

- Developing Django-based web application to integrate data from custom web scraper using an ETL pipeline.
- Creating comprehensive data visualizations in R to provide insights into fighter performance and bout outcomes.

**FreshFarmily – Riipen Level up** — *Flutter, Dart, Mobile App development* Feb 2025 – Apr 2025

- Contributing to the ongoing development of FreshFarmily, a mobile application built with Flutter and Dart to connect farmers and consumers, aiming to reduce food waste and optimize the supply chain.

🔗 **Crime Stats in Canada** — *Pandas, NumPy, Matplotlib, Seaborn* May 2024,

- Analyzed Canadian crime statistics, focusing on reported vs. cleared crimes across geographical regions.
- Created visualizations using Matplotlib to illustrate crime rate trends.

**Virtual Chat Room** — *Java, WebSocket, JavaScript, Jakarta EE* Mar 2024 – Apr 2024,

- Developed a real-time chat application with multi-user chat rooms and secure access
- Designed a responsive user interface with CSS.

🔗 **Clueless** — *React.js, Flask (Python), Firebase, GPT-2* Feb 2025

- Developed a prototype AI-powered outfit selection application using React.js, Flask, Firebase, and GPT-2