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 Bachelors of Computer Science Minor in Mathematics (Co-op)

SKILLS

Frameworks: Django, React.js, JAX-RS
Libraries: Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup
Tools/Technologies: PgAdmin, Maven, WebSocket, GlassFish
Languages: Python, Java, C++, Kotlin, SQL, Clojure, R

EXPERIENCE

Data Quality Assurance Engineer — RLHF, Python, LaTeX, Mathematics   Sep 2024 – Present
Remote Outlier.ai

- Performed model validation by working with AI models, evaluating their problem-solving processes and final answers to ensure accuracy and reliability.
- Conducted failure testing by inducing logical errors in models to assess robustness and identify potential weaknesses.
- Evaluated models on various dimensions such as instruction following, verbosity, and correctness to enhance overall performance.

Cashier/SCO Attendee — SCO knowledge, customer service   Oct 2023– July 2024
Oshawa, ON Walmart

- Provided customer support, processed transactions & resolved customer inquiries
- Monitored SCO stations, assisted customers with technical issues

PROJECTS

⟳ UFC Stats Tracker — Django, BeautifulSoup, PostgreSQL   Nov 2024 – Present

- Developed a Django-based front end with an advanced query tool, enabling users to search the database by fighter names or statistics and navigate seamlessly to individual fighter and bout pages for detailed information.
- Python script to web scrape using Requests, Regex, and BeautifulSoup to automate the extraction of UFC fighter and bout data, storing structured statistics in a SQL database.
- Designed an efficient data pipeline to automate the scraping, cleaning, and loading of data into the database, ensuring accuracy and consistency.

⟳ Crime Statistics in Canada (Data Analysis) — Pandas, NumPy, Matplotlib, Seaborn   May 2024

- Demonstrated proficiency in data manipulation and cleaning using Pandas, enhancing the quality and reliability of the dataset for analysis.
- Developed clear and informative visualizations using Matplotlib to effectively communicate findings to both technical and non-technical audiences.
- Authored a comprehensive report summarizing insights on crime dynamics, contributing valuable information for potential policy development and public awareness.

CERTIFICATES

Seize the Moment: Software Development Training ↗   *Brilliant Catalyst*
Hashing, Dictionaries, and Sets in Python ↗   *Code Signal*