

Muhammad Rabee

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EDUCATION

University of Waterloo

Waterloo, ON

B.Math, Computer Science & Statistics (Data Science Major)

Sep. 2020 – Aug 2025

- **GPA:** 3.9/4.0 (Dean's List)
- **Relevant Coursework:** Object-Oriented Software Development (C++), Algorithm Design and Data Abstraction (C), Designing Functional Programs (Scheme), Probability, Linear Algebra I, II

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, R, SQL, JavaScript

Frameworks/Libraries: Pandas, React, Node.js, Matplotlib, Scikit-learn, Seaborn

Tools: Docker, Git, Linux, Bash/zsh, Power BI, Tableau, Jira, Confluence, Agile Methodologies

EXPERIENCE

Data Scientist Intern

May 2022 – Present

Scotiabank Global Banking & Markets

Toronto, ON

- Developed and deployed a **Python** script that automatically delivered **HTML-formatted** emails conveying early warning signals of credit deterioration to **100+ investment bankers** based on portfolio changes.
- Conducted **exploratory data analysis (EDA)** with **Jupyter, Pandas, SQLAlchemy, Seaborn**, and a Financial Markets database (**Refinitiv**), presenting valuable insights, and findings to Directors.
- Co-led a **Machine Learning & AI** student development group consisting of guest speaker sessions, tutorials, and project walkthroughs with a weekly **attendance of 30+ interns**.
- Collaborated in an **Agile** work environment consisting of daily stand-ups, **Confluence** to document projects pushed to **production**, and tracking daily/weekly tasks with **Jira** tickets.

Data Analyst Intern

Jan 2022 – Apr 2022

Scotiabank

Toronto, ON

- Deployed **5 PowerBI dashboards** into production providing views on ongoing projects, APM status updates, and compliance regulations at the bank.
- Presented **data visualizations** and summarized findings to **upper-management**, helping them make informed decisions regarding **global compliance** related matters.
- Performed ad-hoc **SQL** queries, retrieving valuable data for other ongoing projects on the team, reducing downtime between projects by **15%**.

Software Developer (Contract)

Sep 2021 – Oct 2021

Kohinoor Fashion Studio

Cambridge, ON

- Designed a **responsive web page** using **HTML, CSS, & Bootstrap** for local business showcasing item catalog, and store promotions.

PROJECTS

Portfolio Website | *HTML, CSS, JavaScript, Netlify*



- Designed a **responsive web page** using **HTML, CSS, JavaScript**, and hosted via **Netlify** to showcase projects, and previous internship experience.

NBA MVP Predictor | *Python, Scikit-learn, Pandas, Matplotlib*



- Developed a **machine-learning model** using **scikit-learn**, employing **RandomForest regression** to predict NBA MVP for a given season based on data.

Biquadris (2-player Tetris) | *C++, OOP, Bash, GDB, Git*

- Created a modified version of Tetris utilizing **object-oriented programming** principles that supported two-player capability, and special abilities with **graphic support** in **C++**.

COURSES & CERTIFICATIONS

- **Coursera:** Neural Networks & Deep Learning, Machine Learning (Stanford), Structuring Machine Learning Projects, Improving Deep Neural Networks
- Currently Enrolled in The Odin Project **Full-Stack JavaScript** Coding Boot Camp