Fauzan Aleem Khan

647-893-3422 | fauzank2004@gmail.com | linkedin.com | github.com

EDUCATION

University of Toronto   GTA, ON
Honours Bachelor of Science in Computer Science, Minors in Mathematics   *Sept. 2022 – Present*

EXPERIENCE

AKHNY Solutions Inc. — Data Science Intern   May 2023 – September 2023
Mississauga, ON
- Worked as a Data Science Intern at Akhny Solutions Inc, where I was part of a team of four, responsible for the development of a full-stack platform application.
- This is a program that utilizes previous residential records (in a csv file) to predict future trends and causes for certain events. This project emphasizes cleaning data and regression models.
- Trained the dataset using various algorithms to extract patterns from the data, and synthesized these findings into a preventive final report that included visualizations and recommendations for the company.

BMO Harris Bank — Technician   August 2021
Toronto, ON
- Conduct in-depth examination and troubleshooting of computer problems (both hardware and software), utilizing diagnostic techniques to identify and resolve issues quickly.
- Coordinated with other teams and effectively communicated with them to ensure timely management and installation of over 200 branch computers ensuring minimal downtime.
- Demonstrated strong technical skills, teamwork and the ability to work in a fast-paced and dynamic environment

Coding Initiative — Tutoring   May 2019 – June 2019
Hosted by McMaster University
- Worked as a teacher's assistant, providing instruction and support to a full class of young students with diverse educational backgrounds, ranging from mathematics to coding.
- Demonstrated leadership skills by providing mentorship and guidance to younger and first-year high school students, fostering a positive and engaging learning environment.
- The initiative was hosted by the University of McMaster.

PROJECTS

Huffman Encoding Compression & Decompression | *Python*   March 2023
- Developed a program that allows users to compress and decompress images.
- Required a wide research on Huffman encoding (huffman trees, compression/decompression, etc.)
- Implement with efficient time complexity and resulted in compressions of 10% to 30% of original image.

E-Commerce App | *Dart, Firebase, Flutter*   June 2020 - August 2020
- Developed a Mobile ordering app with functionalities of scrolling the menu, customizing items and adding to cart.
- Implemented Firebase to store data, resulting in a user-friendly experience in log-in, storing ordered items, etc.
- Worked with a group of 3 members and has potential of pitching to a local franchise.

MewBileTech | *Python, Inheritance*   February, 2023
- Developed a Phone Company project on Python which used heavy concepts like classes, inheritance, and imports.
- Given a .json file of all customer data, program is responsible for tracking incoming & outgoing calls, calculating their monthly phone bill, and displaying all calls on maps.
- Worked individually on this project for the University of Toronto and met criteria, achieving a 100%.

SKILLS

Soft Skills: Problem solving, Time management, Strong collaboration, Work ethic, Critical thinking, Mentorship
Languages: Python, Java, HTML, CSS, JavaScript, C#, SQL
Frameworks: ReactJS, Node.js, Flutter, ASP.NET, Django
Developer Tools: Visual Studio Code, PyCharm, Git, Netbeans, Eclipse, AndroidStudio