

Ebaad Akram

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PROFESSIONAL EXPERIENCE

MNN Nexus

Mississauga, Ontario

Data Analyst Intern

May 2025–August 2025

- Developed a Python function to categorize 1,500 users into consistent, occasional, and lapsed visitors, while cleaning and organizing over 10,000 rows of user data in Excel, ultimately helping target specific users for tailored promotions.
- Automated repetitive data manipulation tasks using Python scripting, reducing processing time significantly.
- Collaborated with cross-functional teams to identify areas for improvement in data quality processes, leading to a reduction in errors by implementing more effective data validation and cleaning techniques.
- Consolidated and munged data from 7 Excel sheets, categorizing and organizing 3000+ rows into structured datasets, improving clarity and enabling more accurate analysis and reporting.

Resume Inc.

Toronto, Ontario

Software Engineering Intern

May 2024–August 2024

- Built dynamic and interactive user interfaces for the resume builder application using React.js, improving user engagement and retention by 25%.
- Designed and deployed a version history feature that monitored and logged user changes, resulting in a 40% reduction in support tickets related to restoration of previous resume edits.
- Developed and implemented CSS Grid and modular stylesheets for the sign-up page, while integrating frontend components with backend APIs using Node.js, reducing ensuring functionality, and enhancing scalability.

Staples

Mississauga, Ontario

Technology Sales Associate

July 2022–August 2023

- Increased monthly technology sales by 15% through tailored customer recommendations and technical demonstrations.
- Leveraged AS400 management software to track inventory across 50+ categories, enabling timely replenishment, and improved operational efficiency.
- Assisted 200+ customers monthly in troubleshooting and selecting technology solutions, boosting customer satisfaction scores by 10%.

TECHNICAL PROJECTS

- [Colour Guessing Game](#) - Developed a web-based game challenging users to match RGB colour codes to their corresponding colours among six options. **(JavaScript)**
- [Internet Speed Test](#) - Prototyped a webpage to measure internet ping, download, and upload speeds; integrated command-line interface functionality and designed a ranking system to compare users' speeds against global averages. **(Python, JavaScript)**
- [Western University Exam Schedule Tool](#) – Coded a program that allows Western University students to upload PDF exam schedules, which are parsed and transformed into a structured, CSV format, resulting in streamlined schedule management and improved time planning; user acceptance testing (UAT) performed on the initial prototype to refine functionality. **(Python)**
- [Derivative & Integral Quiz](#) – Designed a math game that asks the user randomized math questions regarding the derivative and integral of randomly generated mathematical functions. The program times how long it takes the user to answer the set of questions and gives them a percentage score of how many questions they answered correctly. **(JavaScript)**

LEADERSHIP EXPERIENCE

Western Engineering Bots

London, Ontario

Software Design Subteam Lead

September 2024–Present

- Led a team of 8 engineers to design and develop a human-like robot for a national Canadian robotics competition, overseeing the software development and integration processes.
- Optimized the codebase for robot movement functions reducing time complexity by approximately 30% and improving overall system efficiency, contributing to the robot's successful participation in the competition.

EDUCATION

Western University | Bachelor of Engineering Science in Software Engineering | Expected Completion 2027

London, Ontario

- Relevant Coursework: Data Structures & Algorithms, Digital Logic Systems, Software Design Interfaces, Applied Probability and Statistics, UX Design, Discrete Mathematics, Database Management, Web Technologies, Front and back-end development.

LANGUAGES, SKILLS, TECHNOLOGIES

- Java, Python, HTML, CSS, JavaScript, C#, MATLAB, SQL, IntelliJ, PyCharm, Eclipse, Xcode, AWS, Git, DevOps, Android Studio, Agile/SCRUM development, React, Node.js, Flutter, Databases, Data analysis, Open source, WebLogic, Salesforce.