

# Mohammad E. Akram

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## EDUCATION

### Western University

London, Ontario

BEng In Software Engineering

Expected Graduation, June 2027

- **Concentrations:** Data Structures, and Modeling/Web Simulations.
- **GPA:** 3.00/4.00.
- **Related Coursework:** Data Structures & Algorithms, Digital Logic Systems, Software Construction, Scripting Programming Language Fundamentals, Software Design, Applied Probability and Statistics.

## EXPERIENCE

### Resume Inc.

Toronto, Ontario

Software Engineering Intern

May 2024 – Sep 2024

- Utilized React.js to build dynamic and interactive user interfaces for the resume builder application.
- Implemented CSS Grid, Flexbox, and SCSS preprocessing to create modular and maintainable stylesheets.
- Developed reusable UI components and modules with React.js, improving code reusability and scalability.
- Assisted with server-side logic and aided my team integrate frontend components with backend APIs using Node.js.
- Conducted unit testing and debugging with tools like Jest and Chrome DevTools to ensure high-quality code.
- Contributed to the development of AI-powered features on the Resume Inc. platform, enhancing the user experience by implementing intelligent suggestions and automated resume improvements.

### MNN Mississauga

Mississauga, Ontario

Data Analysis Intern (PT)

Feb 2024 – May 2024

- Utilized Python to organize, sort, and clean large datasets in Excel containing user information from MNN's app, ensuring data accuracy and consistency.
- Leveraged Python libraries such as Pandas to automate data manipulation tasks, improving efficiency in handling and processing Excel spreadsheets.
- Developed a Python algorithm to analyze user data, categorizing visitors into consistent visitors, occasional visitors, and those who stopped visiting.
- Applied analytical and problem-solving skills to address data quality issues and improve analysis outcomes.

### Staples Canada

Mississauga, Ontario

Technology Associate (PT)

Jul 2022 – Aug 2023

- Used AS400 management software to track inventory and sales in real time.

## PROJECTS

### Internet Speed Test

Toronto, Ontario

Team Lead

March 2024 – April 2024

- Developed a website to measure download and upload speeds using JavaScript and Node.js libraries.
- Utilized Node.js for backend services, ensuring accurate and real-time performance metrics for users.

### Stock Predictor

Toronto, Ontario

Team Lead

Jan 2024 – Feb 2024

- Built a stock prediction web app using Streamlit, integrating machine learning models to forecast stock prices.
- Utilized Streamlit to create an intuitive and interactive interface, simplifying user interaction with complex data science processes.

## ACTIVITIES AND LEADERSHIP

### Western University Formula One

London, Ontario

Design team member

Sep 2023 – Present

### Pakistani Student Association

London, Ontario

Diversity Advocate

Sep 2023 – Present

- Bringing awareness to a of 100+ members, hosting cultural events, and reaching out to the underprivileged community in London Ontario.

## SKILLS

**Programming:** Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, Swift UI (iOS)

**Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile