

# Usman Naveed

BCS[H] – Bachelor of Computer Science Honors

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## WORK EXPERIENCE

### Software Developer – Canadian Tire Corporation

May – December 2019, 8 Month Internship

Calgary, Alberta

- Developed real-time executive dashboards to monitor key metrics during major promotional events, enabling leadership to track trends and make timely, data-driven decisions through cyber week.
- Worked with cross-functional teams to deploy dashboard updates into production, ensuring reliability during high-traffic promotional periods.
- Enhanced system monitoring and performance visibility by leveraging New Relic (application performance monitoring tool) to build a refined, user-friendly dashboard for tracking system health and metrics.
- Collaborated with the New Relic engineering team to test, review, and provide feedback on New Relic 2, identifying pre-release issues and contributing to a more stable and reliable production launch.
- Developed a proof of concept to automate user access request tickets, reducing manual effort and supporting cost-reduction analysis through improved process efficiency.
- Evolved and expanded our team's on-boarding process, reducing the transition period of new team members and increasing their efficiency.

### Production and Maintenance Supervisor – Stellantis

December 2024 – Current

Windsor, ON

- Utilized Python and SQL to analyze machine performance and identify inefficiencies, contributing to a 5% reduction in production time through targeted process improvements.
- Developed and maintained technical documentation, standard operating procedures (SOPs), and reports, improving communication and knowledge sharing.
- Collaborated with engineers to trouble shoot automated systems and introduce process improvements
- Reduced cycle times by 15% by optimizing movement patterns and eliminating excess time buffers, reducing downtime, and boosting efficiency.
- Conducted root cause analysis to identify source of cars and parts damage, leading to a 10% reduction in scrap.

## APPLIED PROJECTS

### Discord Bot (JavaScript, MongoDB)

- Built a bot that integrates the OpenAI API to answer user questions in real time.
- Designed MongoDB schemas to track user activity and maintain persistent data across sessions.

### File Compression Utility (C#)

- Designed and developed a Windows application that compresses and decompresses files and directories, enabling users to reduce storage usage and efficiently extract data when needed.

### Personal Portfolio Website (Next.js, React and Tailwind CSS)

- Designed and built responsive personal website showcasing projects, technical experience, and personal interest. You can view it at [usmannaveed.ca](https://usmannaveed.ca).

## EDUCATION

### BCS[H] – Honors Computer Science – University of Windsor

2017-2022

## PROGRAMMING SKILLS

### Languages:

- Java
- C#
- C++
- C
- Python
- JavaScript/TypeScript

### Operating Systems:

- Windows, MacOS, Linux

### Databases:

- SQL, NoSQL

### Frameworks and Libraries:

- Next.js
- React
- Tailwind CSS

### Development/DevOps Tools:

- Git and GitHub
- VS Code
- Unity
- Jira
- New Relic
- Sumo Logic (System Monitoring)

## VOLUNTEER EXPERIENCE

### Mentor - STEM Hacks McMaster

- Taught students the basics of coding
- Wrote code in the C++ Arduino IDE to simulate a car driving

### Philanthropy Chair Sigma Chi

#### Kappa Mu Chapter

- Raised money for Huntsmen Cancer Research
- Acquired money for the The Trevor Project

### Optimist Club

- Raised money for the Salvation Army Angel Tree Program.
- Teamed with TriStar to hold an after-school basketball event
- Worked with the Detroit Red Wings to promote the Angel tree and the Optimist Club