

Usman Naveed

BCS[H] – Bachelor of Computer Science Honors



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[Usman Naveed](#)



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WORK EXPERIENCE

Software Developer Co-op – Canadian Tire Corporation

May – December 2019, 8 Month Internship

Calgary, Alberta

- Developed dashboards used by upper management to track and display real time data and metrics during promotional events.
→ Collaborated with the executive team to determine dashboard requirements for Cyber Week, developed and produced these dashboards, enabling trend tracking and timely updates throughout the week.
- Enhanced system monitoring and performance insights by utilizing NewRelic to create a refined and user-friendly interface.
- Collaborated with the NewRelic team, actively contributing to the development and stabilization of NewRelic 2 throughout its production cycle.
→ Tested NewRelic software, shared detailed feedback on areas for improvement, and communicated key strengths to the NewRelic team.
→ Collaborated with the NewRelic to review code, identify, and help fix pre-release issues, and communicate finding to support a more stable software launch.
- Provided proof of concept on automating tickets for cost reduction analysis.
- 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, detect inefficiencies, and identify cost-saving opportunities.
- 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

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

- Designed and built responsive personal website showcasing projects, technical experience, and personal interest

Discord Bot (JavaScript, MongoDB)

- Built a bot that integrates the OpenAI API to answer user questions in real time. Collected and stored user points in a MongoDB database

EDUCATION

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

PROGRAMMING SKILLS

Languages:

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

Operating Systems:

- Linux, Windows, MacOS

Databases:

- PostgreSQL, MongoDB, SQL, NoSQL

Frameworks and Libraries:

- Next.js
- React
- Tailwind CSS

Development/DevOps Tools:

- Git and GitHub
- Unity
- VS Code
- Jira
- New Relic
- Sumo Logic

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 Trevor Project

Optimist Club

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