Hasan Khan

905-922-5625 | hasan.khan5@ontariotechu.net | **in** Hasan Khan | **○ GitHub** HasanK404

Enthusiastic software developer and ambitious student pursuing a Bachelor of Engineering in Software Engineering at Ontario Tech University, with a dedicated focus on creating engaging, user-centric software applications and websites while actively seeking opportunities to gain hands-on, real-world expertise.

Highlights of Qualifications

- Accumulated a depth of knowledge in Object Oriented Programming and Software Architecture.
- Mastered Java, Python, C++, C, MySQL, HTML, CSS, Node.js, React.js, DBMS, Linux, Shell Scripting, Perl, UML Designing, JavaScript, Computer Networking, Software Developing, Software Maintenance & Testing.
- Demonstrated expertise in managing databases, including MySQL and NXT ensuring data integrity and leading to effective data analysis and manipulation, an asset in software development and data-driven decision-making processes.
- Exhibit strong problem analysis and teamwork skills by conducting root cause analysis on system issues and discussing along with my colleagues.
- Attained Strong Multi-Tasking and Critical thinking skills by participating through various course related projects as well as through work experience.
- Possesses excellent communication skills and a pleasant, approachable personality. Actively seeks opportunities to learn, contribute input, and provide a valuable perspective in team settings.

Education

Bachelor of Engineering (Hons), Software Engineering   Expected Graduation
Ontario Tech University, Oshawa, ON   ***May 2025***

Relevant Coursework: Software Architecture & Design, Database Management, Systems Programming, Microprocessors Architecture, Computer Network, Artificial Intelligence, Object Oriented Programming, Web programming, Data structures, Principal of Software & Requirements.

Academic Projects Experience

Project Leader, Project: Tic-Tac-Toe
Data Structures | SOFE 2715   ***Feb 2023 – Apr 2023***

- Demonstrated leadership and multi-tasking skills by coordinating and supervising a group of 4 members and successfully programmed a Tic- Tac- Toe game using Java.
- Orchestrated and led regular meetings with team members to conduct in-depth analysis and discussions regarding the code's architectural design and functionality.
- Pioneered the project's development by creating a comprehensive flowchart outlining the entire program, ensuring a clear roadmap for implementation.
- Executed according to developed flow chart and programmed it to the desired outcome.
- Enhanced project deliverables by meticulously documenting the entire program in a detailed report, highlighting critical aspects of the code, design choices, and implementation strategies.

Full Stack Developer, Project: Job Recruitment Website

Web Programming | SOFE 2800   *Oct 2022 – Dec 2022*

- Developed critical thinking along with problem analysis and solving skills by collaborating with a group of 4 members designed and programmed a fully functional website with multiple web pages using HTML, CSS and Node.js.
- Programmed and styled the webpages according to the sketch of the website.
- Assembled the complete backend with the front-end of the website.
- Reviewed all the graphical user interfaces on the webpages. Furthermore, enhancing the GUI before assembling them to the final website.

Work Experience

External Relations Assistant   *May 2023 - Present*
Ontario Tech University
Oshawa, ON

- Developed and strengthened communication and collaboration abilities through collaborative efforts with peers, further refining these skills through mentorship and training from the Director and Strategic Officers.
- Successfully designed and launched a new program website to create an informative and user-friendly platform for the University. This included regular updates and improvements to ensure optimal functionality.
- Managed and maintained the Blackbaud CRM database, ensuring data accuracy and integrity. Implemented efficient data organization strategies to enhance the effectiveness of customer relationship management.
- Engaged in day-to-day activities involving client and partner interactions, including handling calls, conducting tours, attending meetings, and taking down meeting notes. Provided valuable suggestions and insights during discussions, contributing to productive partnerships.
- Effectively balanced multiple priorities and deadlines, a skill honed through supporting a team of colleagues. Managed time efficiently to ensure high-quality deliverables were consistently met. Actively sought opportunities to contribute my input and perspective to improve processes and outcomes.

Extra Curriculars

Engineering Outreach   *Oct 2022 – Present*
Ontario Tech University

- Assisting in organizing workshop for Middle and High School students to explaining the key principles of Engineering as wells as promoting them to pursue Engineering.
- Enhancing my communication skills by interacting and working with the younger ages.

Billing system   *April 2021*
High School

- Applied my knowledge in Python to successfully programming a full-scale Billing system.
- Analyzed and streamlined my project to be more efficient also apprehend more knowledge in Python.