SHAHBAZ SINGH

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OBJECTIVE

Enthusiastic second-year Computer Science student seeking internship opportunities to further explore my passion for technology. Eager to immerse myself in real-world projects, cultivate new skills, and contribute to innovative solutions. With a strong foundation in programming and a curiosity-driven mindset, I hope to accelerate my learning journey in the dynamic field of Computer Science.

EDUCATION

University of Toronto - St. George   *2022 - Expected June 2026*
Honours Bachelor of Science (HBSc) - Computer Science Specialist | Stats Minor
Course Work: Software Design | Computation Theory | Probability, Statistics, & Data Analysis | Data Structures and Analysis | Software Tools & Systems Programming | Computer Organization

TECHNICAL STRENGTHS

Python | JavaScript | Java | HTML | CSS | R | C++ | PHP | FTP | WordPress | SQL

EXPERIENCE

Junior Developer | Nanda & Associate Lawyers   April 2023 - Sept 2023

· Designed and developed a Legal Document Production application, employing HTML, CSS, and JavaScript to deliver a user-friendly and efficient solution. Reduced document production time by over 95%.
· Managed and maintained company site and landing pages using WordPress, PHP, and FTP. Automated client intake, form creation, and law clerk assignment using PHP to decrease times by 45%.
· Programmed a custom CRM system using JavaScript to enhance data organization, streamline workflow processes, and automate client intake and lead tracking. Decreased Call Center intake time by 30% and increased the firms lead tracking capabilities and SEO optimization by over 85%.
· Utilized web scraping and APIs to extract and gather data for company software applications.

Robotics Specialist | Zebra Robotics   January 2020 - January 2022

· Utilized C++ to optimize Vex Robotics solutions for competitions, fostering precision and agility. Collaborated with teammates to strategize and achieve success in competitive robotics.
· Constructed, rigorously tested, and meticulously fine-tuned prototypes for competitive environments.
· Proficient in SolidWorks for robotic design and simulation, with hands-on experience in creating detailed 3D models and assemblies for robotic systems.

PROJECTS

Legal Document Production - (HTML, CSS, JS)

· Designed and implemented a full stack web application that simplifies the generation of legal documents.
· Leveraging HTML, CSS, and JavaScript, this project significantly reduces production errors in legal documentation.
· Users benefit from an intuitive interface that streamlines the document creation process, improving both accuracy, efficiency and reducing common production errors for more reliable documents.

FlickFindr | Python

· Developed a full-Stack application which takes the inputs of users movie preferences
· Graph-Based system is traversed for users with similar taste
· Algorithm recommends movies from our database
· Integrating APIs, users are able to find the IMDb pages for their recommended films