

RAYAN ALAM

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SKILLS

- ❖ **Languages:** Python, JavaScript, SQL, C/C++, Java, R, HTML5, CSS3, Dart, Assembly, LaTeX
- ❖ **Frameworks:** React.js, Node.js, Express.js, Redux.js, Flutter, Django, Flask, Bootstrap, Tailwind, JUnit, Pytest
- ❖ **Tools:** MS Azure, Docker, Kubernetes, Git/GitHub, MySQL, PostgreSQL, MongoDB, Linux/Unix, Android Studio
- ❖ **Libraries:** Scikit-learn, NumPy, Pandas, SQLite, Matplotlib, Seaborn, Plotly, Java Swing

EDUCATION

Bachelor of Science – BSc (Hons), Computer Science Co-op

Expected Graduation May 2027

Ontario Tech University, Oshawa, Ontario

- ❖ **cGPA:** 4.10/4.30 (A+) – President's List ('23–'25), In-Course Scholarship ('24), Entrance Scholarship ('23)
- ❖ **Relevant Courses:** Programming Workshop, Computer Architecture, Data Structures, Scientific Data Analysis, Software Design, Software Systems, Statistics and Probability, Computational Science, Linear Algebra, Discrete Math

EXPERIENCE

Car Washer

May 2021 – Present

Avis Budget Group, Ajax, Ontario

- ❖ Efficiently managed the service of 5 to 10 vehicles per rental shift, including sedans and SUVs, ensuring thorough exterior washing and meticulous interior cleaning.
- ❖ Proactively identified and resolved maintenance issues, such as low tire pressure, oil changes, and windshield fluid replacements, guaranteeing punctual vehicle readiness.
- ❖ Prioritized customer feedback and employed critical-thinking skills to adapt cleaning processes, ensuring a comfortable and safe experience for all renters.

UI Designer and Mobile App Developer

Jul 2022 – Jul 2023

MY Voice Canada Organization, Milton, Ontario

- ❖ Collaborated in a team alongside 10 students from across Ontario to create a mobile application on Android to promote Muslim youth-generated media, including magazines, articles, and YouTube videos.
- ❖ Contributed to weekly Agile team meetings by sharing sprint progress and adhering to a test-driven development cycle, while iteratively tracking feedback and tasks using Microsoft Office and Google Workspace cloud tools.
- ❖ Spearheaded the app's user interface design, crafting intuitive and visually appealing app layouts with the services provided in Figma and Miro, prioritizing user experience and accessibility.
- ❖ Engineered components of the app using Flutter and Dart within Visual Studio Code, efficiently managed content with Git through the GitHub repository, and debugged functionality issues in Android Studio.

Summer Camp Counsellor

Jul 2019 – Aug 2019

Calvary Baptist Church, Oshawa, Ontario

- ❖ Developed and implemented engaging educational activities that promoted teamwork, creativity, and spiritual growth, which encouraged campers to explore their faith in a supportive setting.
- ❖ Fostered a sense of community by organizing and leading group discussions that allowed campers to communicate their thoughts and experiences, strengthening participant bonds.

PROJECTS

Personal Portfolio Website

Dec 2024 – Present

- ❖ Built a responsive portfolio website using HTML, CSS, and JavaScript, featuring interactive elements, FontAwesome icons, a FormSubmit-powered contact form, and deployment via GitHub Pages.
- ❖ Showcases my projects, skills, and experience through an interactive platform, featuring a full-stack dealership management system, a machine learning-driven SpaceX launch success predictor, an AI chatbot with REST API support, a real-time multiplayer trivia battle game, an email spam detection tool, and more.