

Ahmed Salman

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Technical Skills

- Programming Languages: Java, C, C++, Python, ASM, SQL
- Web Development: React.js, Node.js, JavaScript, HTML, CSS
- Operating Systems: UNIX, Linux, Windows11
- Development Tools: Visual Studio Code, Git, Github, Android Studio, Arduino IDE
- Additional Skills: Leadership, Self-Starter, Collaborative

Education

Bachelor of Computer Science Honours Computer Science Co-op

Sep 2022 - Present

University of Windsor • Windsor, ON

- Specialization: Software Engineering
- Courses: Intro to Software Engineering; Software Development; Object Oriented Software Analysis/Design; Database-Management Systems (SQL); Data Structures and Algorithms; Object Oriented Programming using Java; Computer Architecture (ASM); Computer Languages, Grammers&Translators; Intro to Algorithms and Programming I & II (C);
- Awards: Dean's Honour Roll, Dean's Entrance Scholarship

Professional Experience

Teaching Assistant

Jan 2024 – Present

COMP1410 – Advanced Algorithms and C Programming

University of Windsor • Windsor, ON

- Extend teaching assistance to COMP1410 students, focusing on advanced algorithms and **C programming**.
- Guide students through complex concepts, enhancing their problem-solving skills and confidence in advanced coding and algorithmic thinking.

Teaching Assistant

Oct 2023 – Dec 2023

COMP1400 – Introduction to Algorithms and C Programming

University of Windsor • Windsor, ON

- Collaborated with professor and TA's in providing assistance to **300 students** with implementing enhanced algorithms in **C programming**
- Reinforced students to become familiar with **UNIX/Linux** environment and commands
- Held office hours to communicate with and help +70 students in improving and correcting code

Marketing Director

Jan 2021 - Sep 2022

Autonation Car Sales • Windsor, ON

- Orchestrated development and execution of digital marketing of upto 200 vehicles, including social media advertising and vehicle listings
- Analyzed market trends and refined marketing strategies and product positioning

Projects

Ideal.com

Dec 2023

Personal Project, Windsor, ON

- Conceptualized and developed Ideal.com, a dynamic website empowering users to engage in the exchange of ideas through a platform for buying and selling.

- Applied full-stack development skills, incorporating **React.js** for the interactive front-end, and **Node.js** for the server-side functionality.

Quranic Quotes Chrome Extension

Oct 2023

Personal Project, Windsor, ON

- Developed extension providing Quranic Quotes to browser using **JavaScript, HTML and CSS**
- Incorporated APIs to enhance project functionality and enabling real-time data retrieval
- Documented multiple prototypes showcasing iterative development and overall software lifecycle

Interactive Personal Website

Sep 2023

Personal Project, Windsor, ON

- Designed and developed a responsive personal portfolio website with **React.js** as a primary front-end framework
- Utilized HTML and CSS to create a modern and visually appealing user interface

Space Invaders

Dec 2021

Vincent Massey Secondary School, Windsor, ON

- Created Space Invaders game by utilizing **Java programming** and Object Oriented Design
- Acquired a mark of 97% for stellar implementation of programming and documentation

Multi-Tasking Autonomous Robot

Jan 2016

Personal Project, Karachi, Sindh

- Engineered and Formulated code for the Robot by leveraging **Arduino and C++** respectively
- Combined capabilities such as Object avoidance, Light seeking and Remote control

Additional Experience

- **Led +1100 people** in prayers at 4 major Mosque locations and up to +600 at once
- **Self-Started** an automotive side business, serviced and detailed 20+ vehicles with positive customer feedback