

OMAR S ALI

Halifax, Canada | omar.s@dal.ca | www.linkedin.com/in/omar-shakil-ali

EDUCATION

Bachelor of Computer Science, Dalhousie University

2021 – 2025

Relevant Courses:

- Software Development.
- Data Structures and Algorithms.
- Front-End Web Development
- Back-End Server Side Scripting
- Machine learning

SKILLS

Interpersonal

Organizational Effectiveness- Coordinated multiple workshops and events at Dalhousie University.

Teamwork: Worked seamlessly with people from diverse backgrounds and interests at Dalhousie, in pursuit of a shared vision.

Communication: Answered Queries by phone and email as a Front desk staff at Dalhousie University, took store phone calls in a professional manner as a cashier.

Writing & Editorial Skills: Proven strong vocabulary and writing skills; wrote articles for campus newspaper for four years.

Client Focus: Demonstrated through exceptional communication and problem-solving abilities with clients and customers in roles such as Student Engagement Assistant and cashier.

Technical

Software testing frameworks: **Junit**

Database management systems: **MySQL, MS SQL, Oracle, PostgreSQL**

Object-oriented programming (OOP) : **Java, Python, JavaScript, C++**

Web Development: **HTML, CSS, Node.js, PHP, J Query, React**

Version control systems: **Git**

ACADEMIC PROJECTS

Veterinary simulator, Dalhousie University.

April 2023

- Created an online Anesthetic Simulator VetSim for enhancing cat anesthesia training at the Dalhousie Dept. of Medicine. Utilized PHP, React, jQuery, and JavaScript.
- Designed interactive UI and dynamic functionality to simulate changing patient parameters: heart rate, respiratory rate, capnography, ECG, pulse oximetry, and blood pressures.
- Received enthusiastic feedback from a renowned medical conference presentation.
- Acknowledged for revolutionizing veterinary education through a realistic, risk-free platform for anesthetic procedure practice.

Fusion Bay Restaurant, Dalhousie University.**December 2021**

- Led a team of four students in creating an engaging website for a diverse multi-cuisine restaurant, employing HTML, CSS, and JavaScript.
- Enhanced website loading speed by 30% via strategic optimization strategies.
- Executed comprehensive user-testing approaches, resulting in an impressive 95% user satisfaction rating, underscoring the platform's exceptional user-friendliness.

Sales Database Software, Wadi Gift Shop.**March 2021**

- Developed a database system using MySQL and Python which maintained a record of all inventories and items sold at a simulated gift shop.
- Optimized database performance by reducing query response time by 30%.
- Utilized data visualization tools to analyze sales trends, and automated reports on inventory levels, sales trends, and profitability, reducing manual data analysis by 50%.
- Recognized simulated customer buying patterns and recommended improved marketing strategies, which resulted in increased profits of 5% over three weeks.

EXPERIENCE

Student Engagement Assistant**2021-2022***International Centre, Dalhousie University*

- Organized 16 programming events for international students.
- Operated the front desk, booking 20+ appointments per week and responding to student queries via email and phone.
- Collaborated closely with 8 on-campus student groups and cultural societies to foster a sense of community.
- Implemented outreach strategies that received positive feedback and contributed to overall student engagement growth by 19%

Cashier**2022- 2023***Sobeys, Dartmouth NS.*

- Competently operated a checkout lane during peak hours.
- Accurately processed over \$8,000 in cash and card payments daily.
- Provided exceptional customer service to nearly 80 customers per shift with purchase questions, promotion concerns, defects, and returns.
- Consistently exceeded purchase rate targets by 15% by proactively promoting and upselling products to customers while ensuring a positive customer experience.

EXTRACURRICULAR ACTIVITIES

Volunteer Computer Science Shiftkey Labs, Dalhousie University**2022 – 2023****Course-Representative** Faculty of Computer Science, Dalhousie University**2021 – 2022****President** Toastmasters, District Club, Muscat, Oman**2016 – 2019**