

Shahriar Hossain

📍 Halifax, NS ✉ shahriar.hossain@dal.ca ☎ (902) 478 3528 in shahriar-hossain-it

Education

Bachelor of Applied Computer Science

Sept 2027

Dalhousie University

- **Coursework:** Designing User Interfaces, Software Projects, Web-Centric Computing, Intermediate Project
- **CO-OP Status:** Seeking a 4-to-8-month work term in Fall 2025
- **Certifications:** Completed Leadership in Practice 2024 & Foundations of Leadership 2023 by the Dalhousie Student Leadership Academy

Projects

DEEBug

Jan 2025 - April 2025

Senior Developer - CSCI 3691 Intermediate Project

- Led development of an internal debugging tool for deep learning models, integrating Gemini for issue detection and resolution, improving model accuracy and efficiency.
- Built and optimized a user interface for model generation and execution using React.js and Flask, deployed via Docker and Google Cloud for scalability.
- Tools used: React.js, Python (Flask), Docker, and Google Cloud

ChemAR [🔗](#)

Sept 2024 - Dec 2024

Junior Developer - CSCI 2691 Introductory Project

- Contributed to a team project following Agile Methodology enabling AR interaction with chemistry molecules, currently used by the Dalhousie Chemistry Department
- Developed and implemented "Forgot Password" functionality using Google Cloud services, Nodemailer and Express.js.
- Tools Used: Node.js, Google Cloud, Three.js

Professional Experience

CS Events & Support Staff

Jan 2025 - Present

Faculty of Computer Science, Dalhousie University, Halifax, NS

- Facilitated the Global Game Jam for 200+ participants by setting up event spaces, managing registration, assisting attendees, coordinating exhibitor booths, and ensuring smooth event operations..

IT Support - Part Time

June 2019 - June 2023

SchoolEdge, Dhaka, Bangladesh

- Provided technical assistance to 500+ students and teachers, resolving Windows system issues.
- Improved online class efficiency by 15% through software and server management

Volunteer Experience

Event Support Volunteer

Oct 2023 - Dec 2024

ShiftKey Labs, Halifax, NS

- Supported the execution of 6 hackathons and 4 workshops, engaging 650+ participants.

IT and Database, Website Coordinator

Jan 2020 - Sept 2023

Foundation 21, Remote

- Coordinated Digital literacy workshops for 300 underprivileged kids.
- Attained 40% increased donations through regular website updates.