

# Brando

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## EDUCATION

### Dalhousie University

*Bachelor of Computer Science*

Halifax, NS

Sep. 2021 – Apr. 2026

## TECHNICAL SKILLS

**Languages:** Java, C/C++, ADA, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Espresso, JUnit, UIAutomator, Mockito

**Developer Tools:** Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse

## EXPERIENCE

### Software Developer

Sep. 2024 – Apr. 2025

*General Dynamics Mission Systems-Canada*

*Dartmouth, NS*

- Worked on the Maritime Helicopter Project to design and implement software features that will be used by the Royal Canadian Air Force for the CH-148 Cyclone helicopter.
- Worked and collaborated with a team of 40+ members comprising of Aerospace, Mechanical, Electrical, and Software engineers to ensure that we followed strict guidelines that adhered to air worthiness protocols.
- Analyzed problem reports to find the root cause of bugs which required cross referencing the behavior with system design documentation and documenting the finding for further review.
- Developed and designed solutions for a number of subsystems used by the aircraft using C, C++ and ADA. Followed strict processes to ensure that the software produced adhered to air worthiness protocols.
- Designed, developed, and analyzed solutions for 50+ problem reports which required an adept understanding of the mission systems and subsystems used by the helicopter.

### Information Technology Analyst

Jan. 2024 – Apr. 2024

*Grant Thornton LLP*

*Halifax, NS*

- Collaborated with Grant Thornton's national team of 30+ members to analyze, design, and implement IT solutions tailored to meet business requirements.
- Contributed to the development and execution of IT strategies aligned with organizational goals and objectives
- Proactively identified opportunities for process improvement and innovation, driving continuous enhancement of IT systems and services.

## PROJECTS

### ChemAR | *JavaScript, Three.js, Node.js, WebXR*

June 2020 – Present

- Collaborated with a diverse team of 10+ members to create a web application that allows the visualization of molecules in three dimensions that will aid the learning of 500+ undergraduate students in the chemistry department.
- Led the team in designing and implementing features that allowed the molecules to be viewed in augmented reality on IOS and Android devices by utilizing ThreeJS.

### QuickCash | *Java/Kotlin, Firebase, Android Studio*

Sep 2023 – Dec 2023

- Worked with a diverse team of 6 members in the development of the Quick Cash mobile app, connecting employers and job seekers.
- Implemented Agile methodologies, including weekly Scrum meetings, for effective project management, leading to on-time deliveries and adaptability to evolving requirements
- Received an A+ grade from the class after delivering a thorough presentation of the final application, offering a detailed walkthrough of its design, development process, and innovative features
- Focused on Test-Driven Development (TDD) practices to maintain code quality, resulting in a robust and reliable application.

## AWARDS

**Dalhousie Entrance Scholarship:** Awarded to students who have shown excellence in high school.

**Future Tech Leaders Award:** Awarded to students who have shown excellence in computer programming.

**Sexton Scholar:** Awarded to students who have obtained a term GPA of 3.85 or higher