

# AURELIO DE AGUIAR RODRIGUES

---

89 Parkdale Drive, E1C 4K8 - Moncton, New Brunswick  
(506) 899 4625 | aureliorodrigues20@hotmail.com

[linkedin.com/in/aurelio-rodrigues/](https://www.linkedin.com/in/aurelio-rodrigues/) | [github.com/Aurelio088](https://github.com/Aurelio088)

---

## RELEVANT SKILLS

- **Programming Languages:** C++, Java, JavaScript, SQL, Angular, Typescript, C#, HTML, CSS, Kotlin
- **Database Management:** Intermediate SQL, SQL Server
- **Frameworks:** SFML (C++), Entity Framework (ASP. Net)
- **Web Development:** ASP .Net MVC 6, ASP Net Core 6, HTML 5, CSS
- **Software Applications:** Visual Studio Code, Visual Studio, SQL Server Management Studio, IntelliJ, Android Studio
- **Software Development Methodologies:** Agile SCRUM
- **Others:** Proficient in Git for version control, Backlog Git, Experienced with JIRA for efficient issue tracking and project management

## ACADEMIC QUALIFICATIONS

**Information Technology: Gaming Experience Development**  
New Brunswick Community College (NBCC) – Moncton/New Brunswick

September 2022  
-  
June 2024

- Coursework in multiple Object-Oriented programming Languages, such as C++, Java, C#.
- Extensive hands-on experience in software development using languages like HTML/CSS, JavaScript, SQL, and version control systems like GIT, with a focus on web-based applications.
- Proficiency in software development tools and environments, including JIRA, Visual Studio Code, Visual Studio, and SQL Server Management Studio.
- In-depth understanding of algorithm design, data structures, and debugging techniques, developing a strong problem-solving skill in the field of software development.

**Aerospace Engineering**  
Federal University of Minas Gerais (UFMG) – Minas Gerais/Brazil

February 2013  
-  
December 2017

- Specialized in aerospace engineering with a strong emphasis on tackling and resolving highly complex engineering challenges, applying innovative solutions to real-world

problems.

- Exchange Student at *École Nationale Supérieure de l'Aéronautique et de l'Espace* (ISAE SUPAERO), Toulouse/France – August 2015 to July 2016.
- I have participated in a NASA scientific study, *InSight*, to assess the impact of Martian winds on the solar panels of the Mars lander.

**Paper:** Project Insight: Direct and Inverse Dynamic Model

**InSight:** <https://mars.nasa.gov/insight/>

## **LANGUAGES**

- Portuguese - Native
- English – Advanced
- French – Advanced
- Spanish – Intermediary

## **WORK HISTORY**

Escola de Idiomas LIFT LTDA

Small business in the area of education in Belo Horizonte, Brazil

**Responsible Manager**

January 2017

-

April 2022

- **Management and Leadership:** This experience demonstrates skills to lead and collaborate effectively within a team.
- **Customer Service:** Excelled in providing customer service.
- **Business Development:** Established and maintained relationships with almost 30 partner companies, showcasing the ability to build and manage partnerships.

## **MAJOR PROJECT**

GeoWars Game Development | 2023 – C++

- Developed a C++ game as part of the college project.
- Demonstrated the ability to work with a built engine, including my game logic, graphics, and user controls.
- Utilized programming concepts such as event handling, motion control, and collision detection to create an interactive gaming experience.