

MARCO CABALLERO

Software Engineering Intern

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EXPERIENCE

Summit Tech

Unity Developer

04/2021 - 07/2021

- Developed *Odience*, a Unity based mobile 3d streaming application used for conferences, shows, tournaments and online shopping, which included features such as user to user messages and video calls, qr code scanning and shopping, and chatbot integrations
- Created a compile-time theme manager to quickly generate different versions of the same application using compile arguments and presets, removing the need for separate development branches
- Worked on internal company plugins used across multiple products that required backwards compatibility and affected performance across all projects

Canadian Space Agency

Application Developer

01/2019 - 04/2021

- Implemented a Java/Spring API Server with an H2 embedded database to manage reservations and allocations of distributed Canadarm simulation resources to local and remote users
- Documented and created a full automated unit test suite for the aforementioned server using JUnit
- Created a front end application for launching and reserving different presets of the Candarm simulation using QtDesigner

Mediagrif

Programmer Analyst / Full-Stack Dev

02/2019 - 08/2019

- Designed and Implemented an internal data management system used to import and modify large files used in the main website's database using a React.js website and a Java server with Spring
- Worked in conjunction with the DBA in order to update and improve the database to allow for faster querying of large amounts of entries
- Developped the Carrus online marketplace website (C# & handlebars) as a part of the Agile dev team

PROJECTS

AlgoETS - Algorithmic Trading Club

Working as AVP Strategy and team leader on algorithmic strategies' development since the club's inception on March 2021.

Portfolio – marcocaballero.com

Personal website designed during my college tenure, it contains additional information and showcases some of my school projects.

Champlain College Entrepreneurship website

For my final project at Champlain College, I worked with two other students to create a new website for the entrepreneurship program. Available at champlaincsi.com.

TECHNOLOGY

Languages

Java Python JavaScript SQL

HTML & CSS C++ C#

Frameworks and Libraries

Spring React.js Android Unity

Node.js Qt

Other Tools and Technologies

Linux Git Spring Boot Maven

EDUCATION

B.Eng - Software Engineering

École de Technologie Supérieure

08/2019 - 2023 Montreal, QC

AS - Computer Science

Champlain College

2016 - 2019 St-Lambert, QC

ACHIEVEMENTS

Honor's list student

Grand Defi Pierre-Lavoie participant

FIND ME ONLINE

GitHub - CaballeroM

LinkedIn - caballero-marco