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## Academic Training

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### ***Bachelor of Computer Engineering***

September 2020 - In progress

Co-op Program

University of Sherbrooke, Sherbrooke (QC, Canada)

## Specific Skills

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### **Linguistics**

- French (Native language)
- English

### **Personal Qualities**

- Creative
- Curious and eager to learn new things
- Team spirit and collaboration

## Internships

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### **Embedded Developer Intern**

January 2022 – April 2022

Hortau, Saint-Nicolas (QC, Canada)

- Maintain and add functionalities (ex.: improve the Bluetooth support) on the firmware (C++ in Eclipse) of the main company product: a device with soil tension probes that link to a mobile web application, providing growers with real-time field and soil data to help them make decisions about irrigation and fertilizer applications.
- Develop, design and manage an application with C# in Visual Studio Code to visualize the device production of data and help us find other functionalities to add to the product.
- Device's data managed through AWS.
- Agile scrum method
- Use of the Jira tool to track projects and use Confluence for documentation.
- Managing repositories with Gitlab and Gitkraken.

### **Data Analyst Manager Intern**

May 2021 – August 2021

Martin Gilbert Pharmacien Inc. (Bioscript Solutions), Châteauguay (QC, Canada)

- Management, modification and maintenance of databases with Microsoft SQL Server.
- Find the problems in the data management of the growing company and propose solutions to the owner of the pharmacy and the CEO (presentations in French/English).
- Apply the chosen solutions including :
  - Create an application to manage the sale of drugs covered by insurance mainly using Power Apps and Power Automate tools. The application automates the data flow and avoids the use of unnecessary Excel files, among other things.
  - Automate the sending of emails to customers to obtain their information for delivery of medicines (Power Automate).
  - Automation of purchase orders with Visual Basics for Application (VBA) in Excel to temporarily replace the use of a Javascript code that was problematic in Google Sheet.
- Documentation : UML using draw.io

## School Projects

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Robot allowing us to play the game Connect 4 either with the robot itself or with other people.

Main technologies: C/C++, Visual Studio Code, Arduino, Github

Guitar Hero game controlled by voice.

Main technologies: C/C++, Visual Studio, Qt, Altium, Github

Web application for students with a wiki page gathering their course notes as well as a quiz page to test their knowledge.

Main technologies : Javascript, SQL, CSS, Docker, PostgreSQL, IntelliJ IDEA, Github

## Personal Achievements

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Presentation about the engineering field to high school and Cégep youth for the Women's Engineering Committee of the University of Sherbrooke. Summer 2021

The goal of this presentation was mostly to inform and encourage the young girls to pursue a career in a field where men are in majority.

Exhibition of *La vague à l'âme* during the collective exhibition of *La Grande Virée Artistique* of Sherbrooke 2018. Summer 2018

Public favorite award for an acrylic on canvas (*La vague à l'âme*) 2017

During the competition for the great artistic trip at Raymond Chabot Grant Thornton

Finalist artist designer of the *Imaginaire à réalité* competition of Lalita's art Shop. 2017

## Other Work experiences

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**Seller and cashier** 2021

Simons, Sherbrooke (QC, Canada)

**Advisor and Cashier** 2020

Dans un jardin, Sherbrooke (QC, Canada)

**Sales Colleague** 2019 – 2020

JYSK, Sherbrooke (QC, Canada)

## Volunteering

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**Class Supervisor for the Math Competition** 2018

Association Québécoise des Jeux Mathématiques (AQJM), Sherbrooke (QC, Canada)

**Head Manager and Cashier for Ticket Sales** 2014-2018

Festival des Harmonies du Québec, Sherbrooke (QC, Canada)