Siger Ma

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Hardworking first year student in Software Engineering Co-op seeking a 4-month summer 2022 internship

Education

Bachelor of Engineering, Co-op in Software Engineering 2021 – 2025(expected)
McGill University, Montréal, Canada 3.80/4.00 cGPA

DEC, Science - Health Science 2019 - 2021
Collège Jean-de-Brébeuf, Montréal, Canada 35.940 R score

Working Experience

PPE Agent (Personal Protective Equipment) 2020 - Present
Montréal Chinese Hospital (CIUSSS du Centre-Sud-de-l'Île-de-Montréal), Montréal, Canada

- Manage and organize the distribution of PPE inside the CHSLD.
- Act as a resource person for the procedures and the manipulations of PPE.
- Supervise employees and visitors during the manipulation of PPE.
- Instruct and train visitors on the Infection Prevention and Control guidelines.

Program Lead 2019 - 2020
Kurius, Montréal, Canada (Website: www.kurius.ca)

- Promote technological education and offer free programming resources to all students in Canada
- Managed the running of a Kurius program.
- Found mentors and presenters and assured the communication with them.
- Created surveys to assess the needs and the interests of the participants.

Vice President of Production 2018 - 2019
Prélude (Les programmes éducatifs JA Québec), Montréal, Canada

- Coordinated the activities of employees engaged in the production and processing of goods.
- Planned and established work schedules, assignments, and production sequences to meet production goals.
- Determined standards, budgets, production goals, and rates.

Programming Projects

Design of Pong Game (Java; Eclipse IDE; ACM package) September 2021 – November 2021
McGill University, Montreal, Canada

- Individually, develop a software to implement a one player Pong game against the computer.
- Create a graphics program for the ball to interact with its environment by simulating real-world simple physics.
- Implement a graphical user interface for the player to interact with the game.

Coursework

Winter 2022:
Introduction to Computer Science: Learning data structures and algorithms in Java.
Model-based Programming: Developing in a team project with the concept of model-driven programming. (Learning Java, UML and Git)

Skills

Language: French (fluent), English (fluent), Chinese (limited working proficiency)

Programming: Java, C

Other: Git, OOP, Visual Studio Code, Eclipse, IntelliJ, PyCharm, Microsoft Office Suite