Daniel Maspoch

Computer Scientist

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Address

Hamilton, ON

Profile

I am a student seeking a part-time job where I can share my problem-solving skills and knowledge of computer science to help your organization achieve success and grow my industry experience.

Education

Sep 2023 – May 2027
Brock University
St. Catharines, ON

Honours Bachelor of Science Degree in Computer Science (Co-op)

Sep 2022 – Dec 2022
University of Waterloo
Waterloo, ON

Bachelor of Software Engineering (Co-op)

Sep 2018 – June 2022
St. Mary CSS
Hamilton, ON

Ontario Secondary School Diploma

Skills

Technical

Web development technologies (HTML, CSS)

Java (Object-oriented)

C (Stacks & heaps, recursion, binary search trees, linked lists)

Python

C# (game development)

Microsoft Word (Tables, charts, lists, graphics)

Microsoft Excel (Functions, regression analysis)

Microsoft PowerPoint (Slideshow, animation)

Work Experience

May 2020 – Aug 2022
ZyTech Software Solutions
Mississauga, ON

QA Tester
Created and ran automated tests to eliminate bugs to deliver a high-quality product.

Volunteer Experience

Feb 2019
FIRST Robotics
Mississauga, ON

Field Scout
Ensured tournament matches were ready to proceed by organizing equipment on robot play fields.
Played a key role in collaborating with team members to plan and organize match pieces to accomplish tasks under strict deadlines.

Jan 2019
FIRST Robotics
Mississauga, ON

Lego League Referee
Coached tournament matches by leading and motivating younger players, ensuring proper usage of the game table, and taking charge as a referee.

Clubs & Memberships

Sep 2018 – June 2022
Makeshift Robotics
Hamilton, ON

Member
Coordinated with team members by constructing parts and testing motor components to build a robot within a six-week deadline.
Attended the World Championship in 2019.
Placed in the Top-25 and 4th place during 2019 and 2020 seasons.
9th place in Daly Division in Detroit FIRST Championship during April 2019.
Improved manual skills by assembling, repairing, setting up, drilling, and cutting pieces for the robot.
Marketed the team to sponsors annually using professional PowerPoint presentations and public speaking skills to raise funds.
Educated novice members on essential skills such as safe use of equipment in the workshop to ease them into the team.

Professional Development

Sep 2023
Learning Services
Brock University
St. Catharines, ON

Academic Integrity Workshop
Developed strategies for maintaining academic integrity such as better time management by participating in Brock's Academic Integrity Workshop.

Awards

2021 – 2022
St. Mary CSS
Hamilton, ON

Top 10 – Honor Roll Recipient

2022
St. Mary CSS
Hamilton, ON

Canadian Senior Math Contest Participant

2022
St. Mary CSS
Hamilton, ON

EUCLID Mathematics Contest Participant

Projects

- Developed a first-person shooter using C# in the Unity game engine.
- Assembled a face-recognition system using a Raspberry PI and programmed in C as part of a team project in the University of Waterloo.
- Applied knowledge of the C programming language by implementing data structures such as binary search trees and linked structures and debugging with unit testing.