

Nicholas Maspoch

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EDUCATION

Honours Bachelor of Science Degree in Computer Science

Brock University, St. Catharines, ON

September 2023-present

Honours Bachelor of Computer Science Degree

University of Western ON, London, ON

September 2022-April 2023

Ontario Secondary School Diploma

St. Mary Catholic Secondary School, Hamilton, ON

September 2018-July 2022

TECHNICAL SKILLS

- Web development technologies (HTML, CSS, JavaScript, PHP, MySQL)
- Python programming language (File reading; lists, tuples, sets, and dictionaries; exception handling; object-oriented)
- Java programming language (Object-oriented, stacks & heaps, recursion, BST)
- C# programming language
- Microsoft Word (Tables, charts, lists, graphics)
- Microsoft Excel (Functions, regression analysis)
- Microsoft PowerPoint (Slideshow, animation)

EXPERIENCE

Website Developer

ZytechSoft, Mississauga, ON

July 2021-present

- Developed front end with HTML, CSS, and JavaScript to develop responsive website for both desktop and mobile.
- Posted blog posts regularly on company website to update and market the company to employers.

CLUB MEMBERSHIPS

Member of Makeshift Robotics (4039)

St. Mary Catholic Secondary School, Hamilton, ON

2018-2022

- Coordinated a group of six scouts to efficiently communicate and analyze robots during competitions to help the team move on to provincial and world championships.
- Placed in top 25 and fourth place during 2019 and 2020 seasons respectively against over 150 other Ontario teams.
- Ninth place in Daly Division in Detroit FIRST Championship, April, 2019.
- Marketed team annually to local businesses such as Pulse Microsystems by leveraging public speaking and PowerPoint skills to raise funds.
- Overhauled team website using WordPress to make website look more professional.
- Trained and organized website team by teaching members WordPress and assigning different tasks to update and maintain website.
- Encouraged girls to pursue a career in Science, Technology, Engineering, and Math (STEM) by writing and recording material for Girls R Brilliant, a campaign started by the team.
- Volunteered to help students program Lego Mindstorms robots during First Lego League (FLL) competitions.
- Coached novices to collaborate through icebreaking activities to acclimate to being part of team.

ACADEMIC AWARDS

Director's Award for Academic Excellence

2018-2021

St. Mary Catholic Secondary School, Hamilton, ON

- Achieved being one of top two males in grade from grades 9-11 with averages of 94, 97, and 96 respectively, resulting in recognition for academic proficiency.

Honour Roll Recipient

2018-2022

St. Mary Catholic Secondary School, Hamilton, ON

- Recognized annually for maintaining an average of 80 or greater by achieving averages of 94, 97, 96, and 95 throughout the four years of high school.

PROJECTS

- Created my own personal website using HTML, CSS, and JavaScript.
- Applied knowledge of Java data structures, such as stacks, queues, and binary search trees, and debugging by creating code from scratch unit testing.
- Created several machine learning projects in Python that involved finding the optimal models for performing tasks such as predicting house prices and calories burned during a workout respectively.
- Developed a first-person-shooter demo in the Unity Game Engine.
- Created a Lego Mindstorms robot which could sort Lego bricks based on colour; programmed through previously-acquired coding experience to earn silver medal in school board science fair.

REFERENCES AVAILABLE UPON REQUEST