

Sasha Njini

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EDUCATION

B.A. Computer Science

09/2017 - 05/2021

McGill University

Montreal, QC

- Minor in Environmental Science
- Awards: CAN-CWIC Scholarship Recipient, Tomlinson Engagement Award for Mentoring

PROFESSIONAL EXPERIENCE

Software Engineer

01/2020 - Present

McGill Neurotechnology Group (MENTAL)

Montreal, QC

- Collaborate in a team environment to build an electromyography interface to AR wearable device
- Act as the liaison between the software team and the product designer to achieve the best UI/UX
- Condense research and project processes to co-author research paper, which was submitted to the 2020 IEEE International Conference on Systems, Man and Cybernetics (SMC)

Helpdesk Tutor

09/2019 - Present

McGill Computer Science Undergraduate Society

Montreal, QC

- Successfully analyze and debug code written in Python, Java and C while providing feedback
- Coordinate with the VP of Helpdesk to ease the transition of tutoring through online platforms
- Provide help with courses such as Software Systems, Algorithms & Data Structures and Intro to CS

Programming Instructor

05/2020 - 08/2020

Delaware STEAM Academy

Remote

- Created a new curriculum & lesson plan for a project-based Unity/C# course for students from Grades 4-12 to increase company revenue by over 10%
- Adapted teaching methods and instructional materials to meet the needs and interests of students
- Facilitated open classroom discussions and developed strong relationships with students and parents

Information Technology Intern

05/2019 - 09/2019

Manitoba Hydro

Winnipeg, MB

- Modified legacy code which enabled project managers to increase accuracy of resource estimates
- Built Excel VBA data post-processing automation script that reduced report production times by 40%
- Independently designed, developed and delivered the PM departments internal SharePoint sites

LEADERSHIP / EXTRA-CURRICULARS

Co-President

03/2019 - Present

McGill Women in Computer Science (McWiCS)

Montreal, QC

- Directed team of 12 to plan a hackathon for 150+ students and increasing sponsorship funds by 170%
- Created various resources for women & minorities in STEM such as interview prep and workshops
- Managed the digital presence of the organization, using Google and Facebook analytics to track and increase traffic across social media platforms

SKILLS

Programming Languages: Java, C, C++, C#, HTML/CSS, JavaScript, Excel VBA

Design Tools: Adobe Creative Cloud, Canva, Figma