

Qualifications Summary

Technically minded and hard-working master's new graduate with a master's and bachelor's degree in computer science and hands-on experience in coding, several programming languages particularly in object-oriented programming. Aspiring to gain an entry-level / new-grad position within a high-profile organization that offers genuine opportunity for progression. Articulate communicator; exhibiting excellent organizational and interpersonal skills at all levels.

Software Development

- ♦ Possess knowledge of fundamentals of development, software design, testing, and agile principles.
- ♦ Demonstrated ability to develop up-to-date, high-quality, and innovative software solutions.

Project Management

- ♦ Adept at coordinating and working closely with team members to timely complete and deliver projects.
- ♦ Instrumental in formulating plans to streamline and continue project operations and achieve set objectives.

Coding & Testing

- ♦ Skilled in writing codes that improve software accessibility, performance, and operational functionality.
- ♦ Capable of performing research to advance the science and technology of intelligent machines.

Key Strengths

- ♦ Solid analytical, technical, and communication skills with the ability to work well in a team environment.
- ♦ Highly skilled in Java, Python, C, C++, and C#. Proficient in using Visual Studio, Eclipse, and Jupyter Notebook.

Experience Highlights

Northwestern University, Dept. of Computer Science Research Assistant (Graduate)

June – Dec 2022

- Implemented a Dense Net model to classify sub-visual glioblastoma infiltration of the brainstem from MRI images
- Implemented binary cross entropy, early stopping, and leave one out cross validation for training and evaluation.
- Developed a strong foundation and future direction for further research into the topic.

McGill University, Dept. of Computer Science Research Assistant (Undergraduate)

Jan – July 2020

- Determined 4 classes of images by working on a voting vision system comprised of PCA and Neural Networks.
- Adeptly modified and augmented the neural network portion of the system by leveraging key technical expertise.
- Successfully attained the goal of improving neural networks, resulting in increased accuracy by 20%.

Luminous: McGill Journal of Hypotheses, Theories, and Conjectures Co-Founder, Head of Publishing & Administration

Nov 2016 – April 2020

- Planned, created, and managed a peer-reviewed, faculty-supported undergraduate academic journal with more than 30 editorial members.
- Oversaw all publishing activities and supported research hypotheses, partial theories, and conjecture publications.
- Received commendation and support from the faculty for journal and managed administrative communications with the respective faculty.

YourCourses: Course Reviews Co-Founder/Web Developer

Jan 2018 – Feb 2019

- Planned, designed, developed, and managed a website for course reviews by university students.
- Became a quarterfinalist in the McGill Dobson Cup for Entrepreneurship in the Social Impact Enterprise Track 2018.

McGill University, Dept. of Computer Science Research Assistant Volunteer

May – Dec 2018

- Led and guided volunteers on coding, testing, and integrating pathfinding AI for a drone in a 2D simulation.
- Successfully created an AI that guided simulated drone perfectly, preventing crashes into obstacles 100% of time.
- Utilized excellent communication skills while communicating with the other teams on the project.

Education

MSc, Computer Science, Northwestern University, Evanston IL, 2021 – 2022

BSc, Computer Science, Interdisciplinary | Life Sciences Minor, McGill University, Montreal QC, 2016 – 2020