

Brenda Namuhoranye

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Objective:

Cognitive Science student interested in the intersection of Computer Science and Neuroscience. Aspiring to apply knowledge from both fields to challenging and engaging interdisciplinary projects. Motivated to acquire new skills and experiences, perform tasks efficiently and partake in valuable work.

Languages:

Perfectly Bilingual – English and French

Skills & Competencies

- Skilled in Java, Python, R
- Proficient in Excel, PowerPoint, Word

Education

- McGill University (BA&Sc, Cognitive Science) - 2nd year
- Dawson College (Health Science)
- École Secondaire Mont-de-LaSalle

Work Experience

Bagot Lab (McGill, Professor Rosemary Bagot)

September 2021 – May 2022

- Undergraduate researcher, investigating the role of prefrontal cortex and ventral hippocampal projections to the nucleus accumbens in integrating outcomes over time to support reward learning.
- Analyzing fiber-photometry and behavioural data (applying deconvolution techniques, visualizations, summary statistics, using Python)
- Writing a research paper on the topic

Integrated General Purpose AI Seminar (McGill, Professor Joseph Vybihal)

May 2020 – August 2020

- Lab student
- Introduction to neural networks, knowledge nodes, meta systems etc.
- Inform the implementation of algorithms with notions from cognitive science and neuroscience

Currency Exchange Teller (Calforex)

June 2019 to March 2020

- Receive, Prepare and Deliver client orders
- Perform Cash Transactions, counting and packaging currency and coins
- Follow strict branch operations and security orders

Neuroscience Internship at Dawson College (IBIS, Infant brain Imaging Study)

Summer 2018

- Shadow researchers, project managers and developers
- Work with large datasets (primarily sorting data)
- Perform weekly presentation with team
- Take part in neuroscience poster symposium

LaRonde (Boutiques)

Autumn 2016 to Summer 2018

- Selling of souvenirs, candy and baked goods
- Perform transaction, welcome clients, maintain clean organized work space etc.

Volunteer Work

McGill Students for Parkinson's Awareness,

- Inform patients of Parkinson Quebec resources
- Participate in fundraising events

La Guignolée, Paroisse St-Claude, Laval

- Collect funds and donations around neighbourhoods
- Organise donations

« Le Mont Ouvre ses portes » , École Secondaire Mont-de-La Salle, Laval

- Monitor children
- Provide tours of the school