Sneha Shinde

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EDUCATION

McGill University — **Montreal, Canada**
BASc. Cognitive Science, focus in Computer Science — *Sep 2019-May 2022 (expected)*
Minor Economics
GPA 3.65, program GPA 4.00

TECHNOLOGIES AND RELEVANT COURSEWORK

Programming Languages: Bash, C, Java, JavaScript, KQL, MATLAB, Python, SQL

Technologies: AWS, Git, HTML/CSS, Jupyter Notebook, Microsoft Azure

Relevant Coursework: Database Systems, Machine Learning Applied to Climate Change, Artificial Intelligence, Algorithms and Data Structures, Data Science, From Natural Language to Data Science

Awards: McGill William MacDonald Scholarship *$20,000* Dean's Honor List *$400*

WORK EXPERIENCE

Canadian National Railway Company — **Montreal, Canada**
Machine Learning and Data Analysis Intern — *May 2021-Aug 2021*
- Utilized an assortment of machine learning algorithms (SVM, RF, LDA, etc.) to classify system-critical reports from various perspectives.
- Constructed optimized queries to retrieve complex data.
- Head of the Intern Committee, handling logistics involved in organizing events for the 80+ interns at CN.

Montreal Neurological Institute — **Montreal, Canada**
Data Analysis Assistant — *Sep 2020-May 2021, Sep 2021-present*
- Designed scripting pipelines to facilitate data processing on remote computing clusters.
- Constructed a semantic schema and implemented a database system to increase efficiency in image retrieval.
- Maintained and improved modern machine learning algorithms to classify neuronal images.

Science Undergraduate Society of McGill University — **Montreal, Canada**
Vice-President, Academic — *Apr 2020-Apr 2021*
- Represented the academic concerns of a 6,500+ science student constituency to the McGill administration.
- Managed a budget of over $7,000.
- Oversaw a team of 29 people responsible for planning academic events.

PERSONAL PROJECTS

Living LitReview
Mar 2021-Apr 2021
- Used representation learning and LDA natural language processing models to build a tool for lessening gaps in scientific knowledge within the field of Machine Learning Applied to Climate Change
- Developed using Python, HTML, CSS3, and SQL

Poke-Predictor
Sep 2021-present
- Communicated with a RESTful API to obtain dataset
- Used a character-level RNN to predict new data given existing dataset (Pokemon names)
- Developed using Python