

Benjamin LeBrun

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EDUCATION

John Abbott College, Honours Social Science Commerce, 2016-2018

- Dean's Honour List

McGill University, Computer Science and Linguistics, 2018-

EXPERIENCE

Tutor, John Abbott College Department of Mathematics, 2017-2018

- Subjects: Calculus I; Calculus II; Linear Algebra

Research Assistant, .txtLAB @ McGill, 2019-

- Streaming Bias: Studying Music Curation on Spotify, 2020.
 - Collection and analysis of 198,435 Spotify playlist entries.
 - [GitHub](#) and [white paper](#).
- Computational study of the effects of cost-cutting in journalism, ongoing.
 - Collection and stylistic and topical analysis of over 200,000 news articles.
 - [GitHub](#)

Accelerated Introduction to Machine Learning, McGill AI Society, 2020.

- Intensive 10-week course on the fundamentals of machine learning.
- Final project: Evaluating Syntactic Heuristic in BERT NLI.
 - Fine-tuned BERT on MNLI and tested on the HANS data set.
 - [GitHub](#)

McHacks7, 2020.

- Winner: Best use of IBM Watson NLU API.
- [Devpost](#)

Undergraduate Researcher, MCQLL, 2020-

- Analysis of heavy-tailed distributions.

AWARDS

Research Seed Grant, Center for Social and Cultural Data Science, 2019. [\$1,000]

Arts Undergraduate Research Award, 2020. [\$4,500]

NATURAL AND PROGRAMMING LANGUAGES

English; French, written and spoken

Python; Java; C; Ocaml