
SOLIM LEGRIS

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EDUCATION

2018-2021 BACHELOR OF ARTS AND SCIENCE, HONOURS
COGNITIVE SCIENCE, MCGILL UNIVERSITY

- ❖ Concentration: Neuroscience
- ❖ Minor: Computer Science
- ❖ GPA: 3.95/4.0
- ❖ Thesis: A model of category-learning difficulty
- ❖ Supervisor: Prof. Stevan Harnad

2015-2017 DIPLOMA OF COLLEGE STUDIES, ARTS AND
SCIENCES, JOHN ABBOTT COLLEGE

HONOURS

2019 DEAN'S HONOUR LIST, MCGILL UNIVERSITY

CERTIFICATIONS

DEC. 2020 MACHINE LEARNING BOOTCAMP, MCGILL AI
SOCIETY

- ❖ Multi-digit MNIST classifier using a CNN architecture
- ❖ Facial recognition model using PCA
- ❖ Sentiment classification using a naive Bayes classifier, support vector machine and random forests classifier
- ❖ Brain activity classification using EEG data and a logistic regression model

RELEVANT COURSEWORK

- ❖ Data Science (Fall 2021)
- ❖ Computational Linguistics (Fall 2021)
- ❖ Brain-inspired AI (Winter 2021)
- ❖ Computational Neuroscience (Winter 2021)

RESEARCH EXPERIENCE

- | | |
|------------------|---|
| 2020-
PRESENT | <p>RESEARCH ASSISTANT VOLUNTEER
Laboratoire de Cognition et Communication, UQAM/McGill University</p> <ul style="list-style-type: none">❖ Conducted an undergraduate honours research project on the relation between category-learning difficulty and categorical perception using a computational model of categorization❖ Planned, modified and executed research techniques, procedures and tests.❖ Prepared literature reviews for reports and presentations |
| 2021 | <p>RESEARCH ASSISTANT VOLUNTEER
Perceptual Neuroscience Laboratory for Autism and Development, McGill University</p> <ul style="list-style-type: none">❖ Collaborated with doctoral candidate in the maintenance and organization of a research database❖ Programatically manipulated research data and performed analyses |
| 2019-2020 | <p>LAB ASSISTANT VOLUNTEER
Perceptual Neuroscience Laboratory for Autism and Development, McGill University</p> <ul style="list-style-type: none">❖ Execute experiments, supervise participants and collect data in experiments pertaining to attentional mechanisms in neurotypical and neurodivergent individuals |

PROFESSIONAL EXPERIENCE

- | | |
|------------------|---|
| 2019-
PRESENT | <p>ACADEMIC TUTOR
Self-employed</p> <ul style="list-style-type: none">❖ Created special handouts, study guides and enrichment materials to boost student knowledge, identify lagging skills and correct weaknesses in mathematics, science and French/English |
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LANGUAGES

Fluent in French and English (spoken and written)

TECHNICAL SKILLS

- ❖ Fluent in Python
- ❖ Intermediate in Clojure, Java, C and Matlab
- ❖ Machine learning