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

RESEARCH ASSISTANT VOLUNTEER
Laboratoire de Cognition et Communication, UQAM/McGill University

- 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

RESEARCH ASSISTANT VOLUNTEER
Perceptual Neuroscience Laboratory for Autism and Development, McGill University

- Collaborated with doctoral candidate in the maintenance and organization of a research database
- Programatically manipulated research data and performed analyses

2019-2020

LAB ASSISTANT VOLUNTEER
Perceptual Neuroscience Laboratory for Autism and Development, McGill University

- Execute experiments, supervise participants and collect data in experiments pertaining to attentional mechanisms in neurotypical and neurodivergent individuals

PROFESSIONAL EXPERIENCE

2019-PRESENT

ACADEMIC TUTOR
Self-employed

- Created special handouts, study guides and enrichment materials to boost student knowledge, identify lagging skills and correct weaknesses in mathematics, science and French/English

LANGUAGES

Fluent in French and English (spoken and written)

TECHNICAL SKILLS

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