

Jesse Islam

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EDUCATION

MCGILL UNIVERSITY

DOCTOR OF PHILOSOPHY

QUANTITATIVE LIFE SCIENCES

Sep. 2018 - May 2022 | Montreal, QC

MCGILL UNIVERSITY

BACHELOR OF SCIENCE

JOINT MAJOR

COMPUTER SCIENCE AND BIOLOGY

Sep. 2014 - May 2018 | Montreal, QC

Cumulative GPA: 3.44/4.0

MARIANOPOLIS COLLEGE

CEGEP DIPLOMA-DEC

HEALTH SCIENCES

Sep. 2012 - May 2014 | Westmount, QC

Graduated on the Dean's List

LANGUAGES

ENGLISH, FRENCH

PROJECTS

- Codepen • Github

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Can code • Java • Python

COMPUTER SKILLS

- Bash scripting
- LaTeX
- Microsoft Word, Excel

CERTIFICATION

GOVERNMENT OF CANADA'S PANEL ON RESEARCH ETHICS

TRI-COUNCIL POLICY STATEMENT

ETHICAL CONDUCT FOR RESEARCH

INVOLVING HUMANS 2014

April 2016 | Montreal, QC

INTERESTS

STREET DANCE

- Deliberate practice
- Creative outlet

COOKING

- Creative outlet

BIKING

- Green commuting

RESEARCH EXPERIENCE

BIO ACTIVE MATERIALS LAB | CASUAL RESEARCHER

Sept 2017 – July 2018 | Montreal, QC

- Implementing Genetic circuits
- Bacterial transformations
- DNA/plasmid preparation
- Molecular biology techniques
- Traction Force Microscopy automation

PSYCHOLOGY HEALTH LAB MCGILL | STRESSOFF PROJECT

DATA-ENTRY COORDINATOR

Feb. 2016- May 2016 | Montreal, QC

- Collected data from participants.
- Weekly status updates directed to team and project lead.
- Team management.
- Trained new members.

TALKS/POSTERS

USER! CONFERENCE- TALK | BIOSTATISTICS & EPIDEMIOLOGY

July 12 2019 | Toulouse, FR

- Presented on a flexible approach to time-to-event data analysis using case-base sampling. [Slides]

QLS RESEARCH DAY- POSTER | QUANTITATIVE LIFE SCIENCES

Oct 3 2019 | Montreal, QC

- Presented on a flexible approach to time-to-event data analysis using case-base sampling.

WORK EXPERIENCE

MCGILL UNIVERSITY TEACHING ASSISTANT | COMP 273

Sep. 2017-Dec. 2017, Sep. 2018- Dec. 2018, Jan. 2019- Apr. 2019, Sep. 2019-

Dec. 2019 | Montreal, QC

- Conducted tutorials for a wide range of educational backgrounds.
- Explained core concepts in different ways depending on needs.
- Graded schoolwork objectively.

DÉPANNEUR NOUVEAU FORUM | ASSISTANT MANAGER

June 2012 – July 2018 | Montreal, QC

- Ordered and kept track of Inventory.
- Developed interpersonal skills with diverse customers.
- Delegated tasks between coworkers.

LEADERSHIP EXPERIENCE

QUANTITATIVE LIFE SCIENCES STUDENT ASSOCIATION | VP

SOCIAL

Sep. 2018 - Present | Montreal, QC

- Organized Events for students.
- Worked with course coordinator for orientation.

REFERENCES AVAILABLE UPON REQUEST