

Imad Dodin

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EDUCATION

MCGILL UNIVERSITY

BSENG IN SOFTWARE

ENGINEERING

Sep 2016 - May 2021 (Expected) |

Montreal, QC, Canada

Cum. GPA: 3.72 / 4.0

AWARDS

2019 - Google Tech Challenge

Montreal- 1st Place Team

2019 - McGill Women in CS

Hackathon - Most Practical Hack

2018 - SURE Award Researcher

2018-2019 - 3x Tomlinson

Engagement Award for Mentorship

2017-2019 - Golden Key Honor

Society (Top 15% of Academic

Program)

COURSES

UNDERGRADUATE

Applied Machine Learning

Software Language Engineering

Database Systems

Data Structures and Algorithms

Model-Based Programming

Software Engineering Principles

EXTRACURRICULAR

DIs Machine Learning - Stanford
University (Coursera)

Angular & NodeJS (Udemy)

SKILLS

PROGRAMMING

Advanced

Java • Python • CSS

JS (Node) • HTML

Intermediate

C(++) • Bash

Familiar:

iPhone (Swift) • Android (Kotlin)

HOBBIES

• Violinist (Classical)

• Human Rights (VP Finance - McGill
Syrian Students' Association)

• Arabic Calligraphy

• Squash

WORK EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEERING INTERN

Jun 2019 - Sep 2019 | Vancouver, BC, Canada

- Intern at Amazon Web Service's Simple Storage System (S3) Team.
- Worked to develop a scalable and durable system to facilitate the manipulation of internal hosts holding and managing file meta-data.
- Project resulted in the reduction of over 50 million US dollars worth of wasted host capacity in the US-East region alone.

MCGILL UNIVERSITY | TEACHING ASSISTANT

Jan 2019 - Present | Montreal QC, Canada

- Selected based on academic excellence to assist in the Introduction to Software Engineering and Model-based Programming courses.
- Graded and mentored over 40 applications based on design, functionality and team development practices.

MCGILL BROADBAND COMM. LAB | IoT & IMAGE PROCESSING

RESEARCH INTERN

May 2018 - August 2018 | Montreal, QC, Canada

- 50 out of over 400 applicants chosen to be a SURE Award Recipient.
- Designed and developed an Emergency Response Kiosk acting as an IoT edge station with Object Classification and Video Call capabilities.

TEAMWORK & LEADERSHIP

COMPETITIVE PROGRAMMING AT MCGILL | CO-PRESIDENT

Jun 2019 - Present | Montreal, QC, Canada

Previously (2018-2019): ACM-ICPC Team Captain / Training Lead.

Co-founded and currently leads a team of 14 executives that serves McGill students in promoting and training students' technical and theoretical Computer Science skills..

Club Achievements:

ACM-ICPC Gold Medals • CS-Games Medals • Google Tech Challenge 1st Place

PROJECTS

COMPETE MCGILL ONLINE | PERSONAL PROJECT

Aug 2019 - Present | Montreal, QC, Canada

Leads the design of a system that aggregates and suggests Competitive Programming problems and solutions and displays user rankings for members of Competitive Programming at McGill.

TEXTUAL USER REQUIREMENT NOTATION | RESEARCH PROJECT

Sep 2018 - Dec 2018 | Montreal, QC, Canada

Aided in the design and development of TURN, a Domain Specific Language to describe Software Requirements.

Defined the transformation between TURN and URN, a graphical notation for representing Software Requirements.

MARTLET CHAT BOT FOR DISCORD | PERSONAL PROJECT

Feb 2017 - Jul 2018 | Montreal, QC, Canada

Leads a team of 12 students in the development of **Martlet**, a chat bot for use by McGill students on the university's Discord channel.

Chat bot provides a multitude of utility functions to users and moderators, included but not limited to User Management & Ranking, Chat Logging and Course Search.