

# Imad Dodin

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## EDUCATION

### MCGILL UNIVERSITY

BSENG IN SOFTWARE

ENGINEERING

Sep 2016 - Dec 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

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

## INTERNSHIP 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.
- This data is internally used so that services like Netflix, Spotify and Pinterest can access your content with a loss rate of once every 10 million years.

### MCGILL BROADBAND COMMUNICATIONS 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 XTreme Theory 1st Place • Google Tech Challenge Montreal 2019 1st Place

### MCGILL UNIVERSITY | COURSE ASSISTANT

Jan 2019 - Present | Montreal QC, Canada

Selected based on academic excellence to aid in the course offerings of Introduction to Software Engineering and Model-based Programming. Graded over 40 applications based on design, functionality and team development practices.

## PERSONAL 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.

### 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.

### 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.