

Imad Dodin

McGill International Collegiate Programming Contest Coach (2019-2020) & Captain (2018-2019)

More Projects @ dodin.ca | github.com/idodin | linkedin.com/in/imad-dodin

imad.dodin@mail.mcgill.ca | 438.923.1678 | English, French, Arabic | Canadian, Jordanian (TN Visa Eligible)

EDUCATION

MCGILL UNIVERSITY

BSENG IN SOFTWARE ENGINEERING

Sep 2016 - Dec 2020 (Expected) |

Montreal, QC, Canada

Cum. GPA: 3.79 / 4.0

Brodeur-Drummond Scholar

Dean's Honour's List

AWARDS

2020 - ICPC World Finalists

2020 - ICPC North American Championships 8th Place (Coach)

2019 - ICPC Northeast North America 4th Place (Coach)

2019 - ICPC Montreal Preliminary 1st Place (Coach)

2019 - Google Tech Challenge Montreal- 1st Place Team

2019 - McGill Women in CS Hackathon - Most Practical Hack

2018 - SURE Award Researcher

2018-2020 - 5x Tomlinson Engagement Award for Mentorship

2016 - Princess Diana Award for Community Engagement

LANGUAGES

Advanced

Java • Python • CSS

JS (Node) • HTML

Intermediate

React • C(++) • Bash • Ruby • C

Familiar:

iPhone (Swift) • Android (Kotlin)

VOLUNTEERING

2020 - Women in Tech Web Development Instructor - Paper Airplanes

2018-2020 - VP Finance - McGill Syrian Students' Association

2017-2018 - Campaign Coordinator - Books Not Bombs McGill (Scholarship for Syrian Refugee Students)

2015-2016 - Intern - Badil Center for Palestinian Human Rights (29th Session for Human Rights)

WORK EXPERIENCE

SHOPIFY | BACKEND DEVELOPER INTERN (PLUS LAUNCHPAD)

Sep 2020 - Present | Waterloo, ON, Canada (Remote)

- Implementing features to enhance bulk operations on products.
- Designing and implementing load testing strategies for several components in preparation for Black Friday - Cyber Monday traffic.

Ruby (Rails) • Typescript • Go • Kafka

MICROSOFT | SOFTWARE ENGINEERING INTERN (TEAMS)

June 2020 - Sep 2020 | Redmond, WA, USA (Remote)

- Developed an undisclosed feature improving "Tags" on Microsoft Teams.
- Commended by CVP for performance on a broad project.

C# • Typescript • AngularJS

AMAZON | SOFTWARE DEVELOPMENT ENGINEERING INTERN (S3)

Jun 2019 - Sep 2019 | Vancouver, BC, Canada

- Worked to develop a scalable and durable system to facilitate the manipulation of internal hosts holding and managing file meta-data.
- Reduced over \$100,000 USD worth of wasted host capacity worldwide.

Java • HTML / CSS / Javascript

MCGILL UNIVERSITY | TEACHING ASSISTANT

Jan 2019 - August 2020 | Montreal QC, Canada

- Selected based on academic excellence to aid in designing and offering courses in (Web) Application development.
- Graded and mentored over 100 Full Stack applications.

MCGILL UNIVERSITY | IoT & CLOUD RESEARCH INTERN

May 2018 - August 2018 | Montreal, QC, Canada

- Designed and developed an Emergency Response Kiosk acting as an IoT edge station with Object Classification and Video Call capabilities.

Python (Django) • OpenCV • HTML / CSS / Javascript

TEAMWORK & LEADERSHIP

COMPETITIVE PROGRAMMING AT MCGILL | Co-PRESIDENT

Jun 2018 - Apr 2020 | Montreal, QC, Canada

Co-founded and built a community of over 600 students, organizing training, competitions and workshops for both algorithmic and practical competitions. Led a team of 14 executives and spearheaded training efforts to win medals at: ICPC (World Finalists) • CS Games • IEEEExtreme • Google Tech Challenge.

PROJECTS

WISP ONLINE | PERSONAL PROJECT

Feb 2020 - Present | Montreal, QC, Canada

Leads the design and development of a system that gathers and suggests problems and game-ifies beginners' introduction to Competitive Programming.

Kubernetes • Docker • MongoDB • ExpressJS • VueJS

CANARY | PERSONAL PROJECT

Sep 2018 - Present | Montreal, QC, Canada

Lead Developer and Maintainer for Canary, a chat bot serving McGill University's student Discord channel of over 2000 members.

Conducts regular code reviews and introduces new developers to the project.

Python • Discord.Py • Asyncio • Docker