

Myles Ma



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Work Experience

VISITING RESEARCH STUDENT

Université de Montréal | 2021, 2022

- Working with Professor Stephen Hannessian to conduct hands-on research, set up, run, and monitor reactions, use complex instruments (NMR, HPLC), characterize and purify compounds, prepare drawings and present data within the group.

RESEARCH ASSISTANT

Nexus Laboratories | 2020

- Conduct secondary research and author a paper with a team (unpaid)

CONSULTING WITH THE KNOWLEDGE SOCIETY

Raven Telemetry, Kidogo | 2019 - 2020

- Create strategic slide deck to help expand their company (unpaid)

LIFEGUARD

H2O Ottawa | 2020

- Ensuring safety of swimmers, operating and maintaining pool machinery, open and close facility

BEAVERTAIL CREW

Beavertails | 2020

- Making a variety of Beavertails, drinks, handling payments and serving customers

ZAMBONI DRIVER

Minto Skating Centre | 2020

- Flooding the ice, conducting arena operations and maintaining cleanliness

Publications

COVID-19 in Canada: A Self-Assessment and Review of Preparedness and Response

Journal of Global Health | DOI: 10.7189/jogh.10.0203104

Volunteer Experience

MET BIBLE CHURCH: USHER

2017-present

Shook hands and greeted incoming worshipers, handed them bulletins and collected offerings

NATIONAL HOCKEY LEAGUE (NHL): ARENA CREW

Dec 2017

Salted stands, shoveled snow and assisted fans during the NHL 100 Classic

CANADIAN FOOTBALL LEAGUE (CFL): FIELD CREW

Nov 2017

Shoveled snow off the scrimmage lines during the 105th Grey Cup

Education

University of Waterloo 2020 - 2025

Second Year | Medicinal Chemistry (Co-op)

The Knowledge Society 2019 - 2020

Innovator | Current Alumni

Lisgar Collegiate Institute 2016 - 2020

Gifted Program

SHAD 2019

Western University | Current SHAD Fellow

Languages & Skills

- English, Cantonese, Mandarin, (French)
- ChemDraw, FindMolecule, MestReNova
- Word, Excel, PowerPoint, Google G Suite
- AutoCAD (3D Printing), Wix Web Design

Awards & Certifications

- National Lifeguard
- Standard First Aid, CPR "C", AED
- COVID-19 Plan to Protect Training
- John Franklin \$2500 Scholarship
- SHAD Alumni \$1000 Science Scholarship
- University of Toronto National Book Award
- 4-time Silver Medal and Honour Roll Recipient
- Honours with Distinction -- RCM Grade 9 Piano
- 2nd place at Ottawa Regional Science Fair

Extracurriculars

- Advisor and Former Vice President -- University of Waterloo Hong Kong Students' Association
- University of Waterloo Varsity Ice Hockey Goaltender (affiliate)
- Junior Ice Hockey Goalie
- Grade 10 RCM Piano, Symphonic Tuba Player
- Lisgar Collegiate Institute's Leadership Camp Head, Student Council Executive, Alumni Alliance Executive, Track and Field Sprinter (East OFSAA 2017 Championships), Rugby Winger, Ice Hockey Goaltender and Alternate Captain