

Wisang Sugiarta

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SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows 10 • Linux

Applications | Microsoft Office: Word • Excel • Bash • CLion • Eclipse • IntelliJ

Programming | C++ • C • Java • Python • Matlab • OCaml • R

Other | • Anaconda • Earth 3D Modelling •

Languages | French | Spoken & Written • English | Spoken & Written |

Licenses & Certifications | National Lifeguard Instructor, Wilderness First Responder

EDUCATION

Bachelor of Science – Major in Computer Science

2018- 2021 (Expected)

McGill University, Montreal, QC

- Focus: software design, modelling and earth system physics.
- Minor in Physics completed.
- Relevant Courses: Software Systems, Data Structures and Algorithm Design, Discrete Structures, Programming and Paradigms, Numerical Computing, Software Design, Software Architecture and Applied Machine Learning.
- (Used to be in the Faculty of Engineering until switching majors.)

DEC in Pure and Applied Sciences

2017

Dawson College

- Dean's List every semester.
- Graduated with Honours

ACADEMIC PROJECTS

Finding Planck's Constant with Light Emitting Diodes / McGill Physical Journal

2019

McGill University, Montreal, QC

- Objective: determine Planck's constant to high precision with the use of LED light's. Project was designed and done by; Wisang Sugiarta and Christian Ivanov.
- Used high volume of data to statistically determine the constant using, mainly, Python.

WORK EXPERIENCE

National Lifesaving Instructor (Pool) and Lifeguard

September 2017– present

Westmount Public Pool and YMYWHA Pool, Montreal

- Implementing and instructing lifesaving candidates on the procedures and regulations of the Canadian National lifesaving program. (First aid, professionalism, administration.)
- Ensure the safety of all clients attending the facility
- Planning, evaluating and submitting evaluations, papers and examinations directly to Lifesaving Society

Bike Mechanic and Sales

May 2016– Present

Cycle Neron (2016-2018) and MCW Bikes (Present), Montreal

- Customer service and sales.
- Repair quick and longer bike problems.
- Build bikes from manufacturers (Specialized, Cannondale, Rocky Mountain).

Outdoor Adventure Guide

May 2018– September 2018

Camp Taiwan (Republic of China)

- Instructed rock climbing, surfing and kayaking.
- Ensured a safe and enjoyable experience to clients.
- Charged of advising/facilitating campers on a science related project each week.

PROFESSIONAL ASSOCIATIONS

Contributor

Sept 2018– present

The McGill Tribune (Science Section)

- Bi-Monthly contributor writing opinion articles and/or public-friendly science articles.

VOLUNTEER WORK

CEGEP Math Tutor

September 2017-present

Dawson College

- Hold 3 hour office hour to tutor CEGEP math courses (Calculus I, II and Linear Algebra).

Assistant Coach

September 2018-present

NDG Minor Hockey, Midget A

- Help run practices and games for younger NDG teams.

INTERESTS

Experience Abroad

Spent months in Taiwan, Indonesia, USA and western Canada

Sports

Current Junior A Hockey team, Rock Climbing

Passions

Adventure, Politics, Philosophy and Law