# ZIANG WANG

Canada | 514-586-9935 | ziang.wang@mail.mcgill.ca
LinkedIn: www.linkedin.com/in/ziang-wang2021/

## Professional Summary

Enthusiastic software engineering intern with a passion for mathematics and computer programming, currently pursuing a bachelor's degree at McGill University. Experienced in multiple programming languages with an existing project portfolio. Adept at website development and mathematical algorithm formulation. A quick learner who is eager to collaborate and learn from experienced professionals.

## Education

**Bachelor of Engineering**: **Co-op Software Engineering** 2023 - Expected in May 2027
McGill University *GPA: 3.7* Montreal, QC

## Skills

- *C++*
- *JS React, HTML, CSS web development*
- *C-make software development, winAPI*
- *CSV data manipulation, MySQL database*
- *Python ML, TensorFlow, data forecasting*
- *Java (ongoing), TypeScript (ongoing)*

## Experience & Project

**FRQNT internship** Jun 2022 - Sep 2022
Mitacs Montreal, QC

Researched on Topology and Group Theory with professionals. Wrote 4 papers in latex regarding original methods in algebraic topology for solving geometric questions. Coded an efficient python code to compute Betti number, with great application potential in non-relational database. Gave 2 seminars in front of 200+ audiences at the end of the internship.

**ConuHack** Jan 2024
Concordia University

Programmed a work-load distribution solution for SAP by combining frontend Typescript React and backend Python algorithm. Flask is used as the backend API. Responsive modern website with 2 step verifications and a well-designed calendar UI.

- github.com/withziang/ConuHack2024

**Meta Hacker Cup** Oct 2023
Meta

Successfully forwards to Round 2, obtained a result of top *1000* globally, top *30* domestically.

**Code ML Hackathon** Oct 2023
University Of Montreal ×Poly AI × SEMLA

Programmed a time series ML model to predict customer service request for Air Canada. R square accuracy reaches 80%. With a complimentary manual data forecasting program written in C++.

- *github.com/withziang/codeml2023*

**JS. React Personal Website Project** May 2023

Coded completely in JS. React, CSS, HTML, no template used. Modern designed, responsive website. Compatible with all devices.

- withziang.github.io/personalWebsite/

**Canadian Open Mathematics Challenge** 2019 - 2021
University of Toronto

- *2021: Performance with Distinction, top 3% domestically, top 1% in the Province of Quebec.*
- *2020: Silver Award-Quebec (Second Place).*
- *2019: Bronze Award-Quebec (Third Place).*