

BRAYDON WANG

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🌐 LinkedIn

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🐙 Github

SKILLS AND QUALIFICATIONS

- Algorithms and Data Structures
- Data Science & Machine Learning: NumPy, pandas, scikit-learn, Matplotlib, seaborn, Keras
- Java, C/C++, Python, Racket, HTML/CSS/JS
- Web Development and Graphic Design
- Public Speaking and Leadership

EDUCATION

University of Waterloo

Sep 2021 - Apr 2026

Candidate for Bachelor of Computer Science Honours (GPA: 4.0)

- **Coursework:** MATH 135 - Algebra (100%), MATH 137 - Calculus (99%), CS 145 - Designing Functional Programs Advanced (98%)
- **Scholarships:** President's Scholarship of Distinction, Faculty of Mathematics Entrance Scholarship
- **Certification:** Introduction to C++ Programming ([Certificate](#))

CONTESTS/AWARDS

- **Euclid Math Contest 2021** 99th percentile
- **Canadian Computing Contest (Senior) 2021** 96th percentile
- **CSMC Math Contest 2020** 99th percentile
- **Canadian Computing Contest (Senior) 2020** 95th percentile

EXPERIENCE

Machine Learning Bootcamp ([Github Repository](#))

Jun 2021 - Sep 2021

Hosted by Google, GDG Cloud Edmonton ([Certificate](#))

Contributed to multiple machine learning projects in the phase 1 and 2 of the bootcamp

- Grid search and cross validation model used to predict titanic survival chances
- Named Entity Recognition program using BERT
- Fine-tuned BERT question-answering program

Computer Science Club ([Github Repository](#))

Sep 2020 - Jun 2021

Senior Executive of Contest Group

- Planned and developed presentations each week that focused on a specific algorithm or data structure
- Taught and led other like-minded individuals through the fundamentals of competitive programming

IHCAS, Youth-Led Non-Profit Organization

Jun 2020 - Apr 2021

Web Developer & Graphic Designer

- Created and designed informative posts for the organization's social media page
- Updated and developed the organization's website, resulting in more awareness about our cause

PROJECTS

Battle Royale Video Game

[Github Repository](#)

- Multiplayer, action-arcade, battle royale shooter game
- Networking with server sockets and packets to allow users to either host a game or join an existing one

Messaging Chat Software

[Github Repository](#)

- Online, instant messaging, text chat application
- Chat groups, privately message, server log access
- Server & client sockets, Java Swing