

Leyang Zou

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EDUCATION

University of Waterloo

Bachelor of Computer Science

- 97.8% cumulative average / 4.0 GPA
- René Descartes National Scholarship worth \$20 000

Sep. 2023 – Present

Waterloo, ON

EXPERIENCE

Hack the North Participant

Sep. 2023

- Built an online platform to facilitate the exchange of everyday services
- Implemented a Python backend supporting user authentication using Flask and SQLAlchemy
- Integrated AI relevance ranking using the Cohere API

Programming Club President

Sep. 2022 – June 2023

- Managed 25+ executives to organize activities, promote the club, and maintain club infrastructure
- Hosted a hackathon with 45+ participants and over 30 contests on a club-maintained online judge

PERSONAL PROJECTS

Personal Website (A, B, C, D, E)

Dec. 2023 – Present

- details are coming

3D Raycasting Graphics Engine (A, B, C, D, E)

Dec. 2023 – Jan. 2023

- details are coming

Programming Language Interpreter (A, B, C, D, E)

May 2020 – Jan. 2023

- details are coming

Hypixel Player Status Tracker (A, B, C, D, E)

Aug. 2020 – July 2021

- details are coming

Anonymous Chatroom Web App (Python,)

Jun. 2021

- details are coming

SKILLS

- **Programming Languages:** Python, C++, Node.js, Rust, Java, C, SQL, HTML, CSS, JavaScript
- **Frameworks & Technologies:** Flask, NumPy, WebSocket, Bootstrap, CMake, Git, GitHub, Linux

ACHIEVEMENTS AND AWARDS

- Canadian Computing Competition Senior Division Honour Roll (98th percentile)
- Euclid Math Contest Honour Roll (96th percentile)
- NAQT Toronto Collegiate Novice Quizbowl Tournament (1st place)