

William Zhao

williamz7388@gmail.com | (647) 551 4258 | Toronto, Canada | [LinkedIn](#)

WORK HISTORY

ePIC Blockchain

May 2022 – Sept 2023

Software Engineer Intern

North York, ON

- Developed Blockchain ASIC software, created and improved Miner API using Rust.
 - Added discrete and real-time hashrate calculations using data collected from ASIC miners.
 - Implemented RESTful API features that allows pushing and pulling data from various sensors on the miner, such as network info, hashrate, and temperatures.
- Tested and developed an automatic testing suite for ASIC miner software using Rust.
 - Created a new project, designed, and implemented a CLI to run the tests.
 - Developed and refined tests in cooperation with the API team, by updating and creating new tests whenever the API interface was modified.
 - Developed tests for multiple models of miners, ensuring test parameters are modified to be compatible with each ASIC model.
- Designed and built front-end UI for ASIC miners using Electron, React.js and MaterialUI.
 - Modified elements on webdash and dashboard using customer feedback to increase usability and accessibility.
 - Ensured webdash supports backwards compatibility with older ASIC miner models.
- Disassembled ASIC miners for testing and debugging by diagnosing dead hashboards and reassembling working machines to be delivered to customers.

EDUCATION

University of Toronto

Sept 2018 - April, 2024

Honours Bachelor of Science in Computer Science and Mathematics

John Fraser Secondary School

Sept 2014 - June 2018

EXPERIENCE

Esports Team Manager

Sept 2020 - Sept 2021

- Organized team tryouts for prospective players from the student base using online surveys and facilitating schedules for over 50 participants.
- Coordinate with teams from other schools in North America to organize regularly occurring practice sessions for members of the team
- Won 13,000\$ in a 5-8th place finish in the CLOL 2021 East Conference Championship

Esports Player

Sept 2018 - March 2020

- Participated as a starting player for the University of Toronto collegiate team
- Won 16,000\$ in tournament prize money between the 2019 and 2020 CLOL seasons
- Ranked top 200 among all players in North America