

EDUCATION

University of Waterloo

Candidate for Honours Bachelor in Computer Science, Co-op

Waterloo, ON, Canada

Sep 2019 - present

- **Cumulative GPA:** 92/100 (currently 3A)
- **Michael and Ophelia Lazaridis Olympiad Scholarship:**
 - Full-ride scholarship covers all academic terms.
 - One of four recipients of 2019.

EXPERIENCE

Curvegrid

Blockchain Software Engineer

Tokyo, Japan

Summer 2020, 2021

- **MultiBaas:**
 - MultiBaas is a middleware platform that allows users to build blockchain applications with REST APIs and a user-friendly web UI.
 - Maintained and developed the application's back-end server in **Golang** and front-end web app in **Vue.js**.
- **MultiBaas Bridge:**
 - MultiBaas Bridge is a cross-chain portal that facilitates movement of digital assets between blockchain platform.
 - Designed and built the application's initial structure in **Golang**.
 - Implemented back-end supports for cross-chain movements of ERC20 and ERC721 tokens.

VinAI Research

Machine Learning Engineer

Hanoi, Vietnam

May - Sep 2019

- **Mask Classifier:**
 - Developed a deep learning project for quantifying the percentage of people wearing masks on the street in real-time using **Tensorflow** and **OpenCV**.
 - Collected and annotated a dataset of ten thousand face images.

SKILLS

- **Languages:** Rust, Golang, C/C++, Python, Scala, Typescript/Javascript, SQL
- **Technologies:** Vue.js, Node.js, PostgreSQL, Tensorflow, PyTorch

PROJECTS

- **Hacker News TUI:** A fast and customizable application written in **Rust** for browsing Hacker News in terminal.
- **Article Markdown CLI:** A CLI application written in **Typescript** that converts a web page content into reader mode under the markdown format.
- **Anime Music Generator:** A web application built with **Python (Django)** and **Javascript** that generates classical anime songs using recurrent neural networks.

AWARDS

- **ICPC East Central North America Regional Contest**

Gold Medalist - Ranked 2/105

Windsor, Canada
Oct 2019
- **International Olympiad in Informatics**

Gold Medalist - Ranked 10/336

Tsukuba, Japan
Sep 2018
- **Asia-Pacific Olympiad in Informatics**

Gold Medalist - Ranked 12/187

Hanoi, Vietnam
May 2018