

Thang Pham

📧 aome510 🌐 aome510

📞 (+1) 226-507-5123

✉ phamducthang1234@gmail.com

EDUCATION

University of Waterloo

Candidate for Honours Bachelor in Computer Science, Co-op

Waterloo, Canada

Sep 2019 - May 2023 (expected)

- Cumulative GPA: 91%.
- Michael and Ophelia Lazaridis Olympiad Scholarship (full-ride).

EXPERIENCE

• Neon, Inc.

Software Engineer Intern

Waterloo, Canada

May 2022 - Aug 2022

- Maintained and improved the storage engine of Neon, an open-source serverless Postgres.
- Source code: <https://github.com/neondatabase/neon>.

• Waabi

Software Engineer Intern

Toronto, Canada

Jan 2022 - Apr 2022

- Implemented a proof of concept framework for testing and integrating different vehicle controllers and vehicle models into the autonomy system of self-driving trucks.

• Curvegrid

Software Engineer Intern

Tokyo, Japan

May 2021 - Aug 2021

- Developed a prototype of MultiBaas Bridge, a cross-chain portal that allows fast and secure movement of digital assets across different blockchain platforms.
- Introduced Typescript to the company's front-end stack and helped stabilize the APIs for the first stable version.

• Curvegrid

Software Engineer Intern

Tokyo, Japan

May 2020 - Aug 2020

- Maintained and built new features for the back-end of MultiBaas, a blockchain middleware.

• VinAI Research

AI Engineer Intern

Hanoi, Vietnam

May 2019 - Aug 2019

- Developed a deep learning project for quantifying the percentage of people wearing masks on the street in real-time.
- Source code: <https://github.com/aome510/Mask-Classifer>.

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

• Vietnam National Olympiad in Informatics

First Prize - First place

Hanoi, Vietnam

Jan 2018

PROJECTS

- Hacker News TUI: a fast and customizable application for browsing Hacker News on the terminal.
- Spotify Player: a Spotify client to listen to music and interact with the Spotify server directly from the terminal.
- Anime Music Generator: a web application that generates anime songs using a simple recurrent neural network.

SKILLS

- Languages: Rust, Golang, Typescript/Javascript, C/C++, Python
- Technologies: Vue.js, Node.js, Pytorch, Tensorflow
- Tools: Unix/Linux, Git, PostgreSQL, Docker, Github actions