

Hoang Phan

Website: <https://petrpan26.github.io/>

☎ Phone: (226) 808 3268

✉ Mail: hpminh@edu.uwaterloo.ca

🐙 Github: github.com/petrpan26

Summary of Qualifications

Strong in **Data Structures and Algorithm**.

3 years experience with **C++**

Familiar with **Python, Latex, Javascript, Racket**

Experience

KMS Technology, *AI Software Engineering Intern*

Summer 2017

- Implemented a resume-parsing algorithm in **Python** for a recruiting chat bot.
- Gathered training dataset by scraping more than **10000 resumes** from various sites using **beautifulsoup** (indeed, jobspider,...).
- Applied **scikit-learn** library to classify different resume section and then used **Dynamic Programming** to optimize them.

Projects

Foodguru

Summer 2016

- <https://github.com/phvietan/FoodGuru>
- Developed an Android app with **phvietan** in Java used to save eating location and provide suggestions based on different criteria of the user.
- Used **Google Maps API** to find the nearest path between the user's location and that of restaurants' for distance requirement.

Whisper

Winter 2017

- <https://aqueous-brook-57134.herokuapp.com/>
- Technologies: **socket.io, node.js javascript, jade**
- An open multi-room anonymous chat application. Deployed using heroku.

NewVietConverter

Winter 2017

- <https://petrpan26.github.io/NewVietConverter/>
- Technologies: **javascript, materialize, html**
- A web application to translate Vietnamese to the newly proposed style of Professor Bui Hien.

Competitive Programming

My performance on multiple popular online coding platform.

Codeforces

- Username: honganptnk1518
- Percentile: 96.64 %

Hackerrank

- Username: petrpan
- Percentile: 91.85 %

Codechef

- Username: petrpan
- Percentile: 98.63 %

Awards and Honours

Finalist in *Code To Win Final 2018 in Waterloo region*

2018

- Created a prototype for Whazzup, an application that helps users find local Facebook events.

Silver medal in *Asia Pacific Informatics Olympiad*

2017

- Placed 35 out of 164 students in an international algorithmic competition for more than 30 countries.

15th place in *ACM-ICPC Vietnam National Contest*

2016

- Competed as a high school team in a collegiate level contest. Placing 15th out of 180 collegiate and high school teams in Vietnam.

Finalist in *Vietnam Facebook Hackathon 2016 in Ho Chi Minh city*

2016

- Created a prototype for Whazzup, an application that helps users find local Facebook events.

Education

Candidate for Bachelor of Computer Science *University of Waterloo*

2017 — 2022 (expected)

Relevant Courseworks: Design Functional Programs (Advanced Level), Calculus(Advanced Level), Linear Algebra (Advanced Level)