

Long N. H. Phan

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EDUCATION

Case Western Reserve University Expected May 2022
Bachelor of Science in Computer Science
Concentration: Artificial Intelligence / Software Engineering
Culmulative GPA: 3.7
Computer Science GPA: 4.0
Relevant Course: Introduction to programming in Java, Data Structures, Discrete Math

WORK EXPERIENCE

VNG Corporation; Software Engineer Intern; expected May - August 2019

- Developing a first module capturing and resolving date/time text into structured data for the first Vietnamese Question-Answering System at Zalo AI
- Build an algorithm and rule-based system resolving time data for Vietnamese Lunar Calendar questions
- The module has a potential to be deploy on the [Zalo App](#) for more than 100 millions Vietnamese users

LEADERSHIP AND ACTIVITIES

HackCWRU-2020 Organizer ; Case Western Reserve University, Spring 2019 - present

- Organize the Case Western Reserve University's Hackathon which will be held in Feb 2020 and the Local Hack Day in Fall 2019
- Main Developer and Maintainer for the [HackCWRU-2020](#)'s official website, built with React.js

Case Rocket Team; Case Western Reserve University, August 2018 - present

- Design and build a rocket qualified for the National Association of Rocketry Level 1 HPR Certification
- Design a radio system that allow rocket to live streaming at the 10000 feet altitude for the FAR MARS 1030

Greenhouse and hydroponic room; Project manager, Carney's Future Farmers of America; 2016 -2017

- Proposed and Constructed a first green house and hydroponic for the Carney High School during cultural exchange year in Oklahoma with first batch consisting of 75+ tomato plants and 50 leafy greens

SKILLS

Programming Language: Java, Haskell, Python, R

Software and Frameworks: Haskell Tool Stack, Spring, React.js, Elastic Search

PROJECTS

HowTheMarketWorksAPI

- An API for [HowTheMarketWorks](#)'s stock market simulation game
- Attempt to do some basic trading algorithms with more than 100,000 data points crawled by Python Scrapy
- Build with Python and InfluxDB: [Link to Project](#)

Battery Health Report:

- A software that analyzed how the laptop capacity degrade over time compared to the design capacity
- Extracted raw battery data from Windows and cleaned with R (integrate with Java)
- Built with Java, R, and Spring: [Link to Project](#)

Apache Tomcat 9 Free Port

- Free the Apache Tomcat 9 server port(eg 8080) used by other Listening Port or another Tomcat instance
- Save users time and the inconvenience of reset/kill the Listening Port manually when working with JavaEE
- Built with Java, and Spring: [Link to Project](#)