

# 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

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## WORK EXPERIENCE

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

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

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## 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: [coming soon](#)

**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 streamming at the 10000 feet altitude for the FAR MARS 1030 - Held in Mojave, CA

**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

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## SKILLS

**Programming Language:** Java, Haskell, R

**Software and Frameworks:** React.js, Stack(Haskell), MVC, Spring Framework, JSP

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## PROJECTS

**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: [github.com/justinphan3110/Battery-Health-Report](https://github.com/justinphan3110/Battery-Health-Report)

**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: [github.com/justinphan3110/Apache-Tomcat-9-FreePort](https://github.com/justinphan3110/Apache-Tomcat-9-FreePort)

**Get Saved WIFI Password**

- A software that allows users to get the saved wifi password on Windows that they already signed in before
- Built with Java and Windows Prompt commands: [github.com/justinphan3110/Get-the-Saved-WIFI-Password](https://github.com/justinphan3110/Get-the-Saved-WIFI-Password)