

LONG N. H. PHAN

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EDUCATION

Case Western Reserve University, Cleveland, Ohio

Bachelor of Science, Computer Science, Expected May 2022

Concentration: Artificial Intelligence / Software Engineering

GPA: 4.0

Relevant Course: Introduction to Programming in Java, Data Structures, Discrete Math

WORK EXPERIENCES

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

Vietstar Industry Corporation; Full-time Intern/Electrician; June-July, 2018

- Assembled and electrical wiring low-voltage electrical switchboards based on assembly drawings and Schneider Electric transferred technology
- Comfortable with AutoCAD

LEADERSHIP AND ACTIVITIES

HackCWRU2020 Organizer; Case Western Reserve University, 2019 - present

- Organize Case Western Reserve University Hackathon which will be held in Feb 2020 and the Local Hack Day in fall 2019
- Main Developer and maintainer for the HackCWRU2020's website: hack.cwru.edu

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
- Involved in the System Subteam to design and build a radio system that allow the rocket to live streaming at the 10,000 feet altitude for the FAR MARS 1030 - held in Mojave, CA in June 2019

Sharing and Caring Kitchen; Volunteer, United Methodist Church of Babylon; Sept 2017- May 2018

- Volunteered to help run a soup kitchen, feeding 50-70 homeless people every Sunday
- Collaborated with another student to run the Kitchen due to the chairperson's surgery, from October to December, 2018

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

- Proposed a construction of a greenhouse and hydroponic room at Carney High School, which was approved and completed with the first batch consisting of 75+ tomato plants and 50 leafy greens

SKILLS

Programming language: **Comfortable:** Java, R
 Familiar: Javascript

Software and Frameworks: React.js, MVC, Spring Framework, Java Servlets, JSP, JDBC

PROJECTS

- **Battery Health Report:-** A software that Analyzed how the capacity degrade over time compare to designed capacity (Personal Project)
 - Extracted raw battery data from Windows and cleaned to get the battery health data
 - Built with Java, R and Spring: github.com/justinphan3110/Battery-Health-Report
- **Tomcat 9 Free Port:**
 - Free the Apache Tomcat server port (eg 8080) used by other LISTENING PORT
 - Save users time and the inconvenience of resetting/kill the Tomcat port manually
 - Built with Java, Spring: github.com/justinphan3110/Apache-Tomcat-9-Free-Port
- **DeBruijn Card Trick:** - Employed De Bruijn arbitrary sequence to create a magic trick based on a sequence of binary number based on the color of the 52-cards (CWRU Local Hack 2018)
 - Built with Java: github.com/justinphan3110/DeBruijn-Card-Trick