Long Nguyen Hoang Phan

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EDUCATION

Case Western Reserve University   Expected May 2022
Bachelor of Science in Computer Science
Concentration: Artificial Intelligence / Software Engineering
Cumulative GPA: 3.7
Computer Science GPA: 4.0
Relevant Courses:
- Taken: Introduction to programming in Java, Data Structures, Discrete Math
- In Progress: Software Craftsmanship, Operating System, Algorithms, Probability, Database Systems

EXPERIENCE

VNG Corporation: AI Software Engineer Intern; May - August 2019
- Initiated and led the development of an agnostic Named-entity recognition (NER) module capturing and resolving date/time text into structured data for Kiki, the first Vietnamese intelligent personal assistant
- Built an algorithm and rule-based system resolving structured time data for Vietnamese Lunar Calendar questions in **Haskell** and **Java**
- Turned Kiki into the first Conversational Agent fully support Vietnamese Date/Time (both solar and lunar day)
- The module has been deployed for 10 million users on Zing Mp3 and extensible into a tokenizer for KiKi's search engine

PROJECTS

CWRU Fast Class Search: October 2019 - present
- Entrepreneurship project advised by Professor Ronald Loui
- Initiated and full-stack developer of a distributed, multitenant-capable full-text search engine for more than 6000 classes at Case Western Reserve Univeristy
- Attempted to let students more flexible in exploring the topics and classes that the school offer instead of just traditionally looking for class name and code on the portal
- Built with Elastic Search, MongoDB, Python Scrapy, Docker, Java REST API, and React.js

Battery Health Report: Spring 2019
- 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)

LEADERSHIP AND ACTIVITIES

HackCWRU-2020 Organizer: Case Western Reserve University, Spring 2019 - present
- Organized the university's Hackathon which will be held in Spring 2020 and the Local Hack Day in Fall 2019
- Attended annual Major League Hacking events and Hackathons
- Main Developer and Maintainer for the HackCWRU-2020's official website, built with React.js

Github Campus Expert: Case Western Reserve University, Fall 2019 - present
- In training progress to be a GitHub Campus Expert hosted by GitHub to support and grow the developer community on campus

SKILLS

Programming Language: Java, Haskell, Python, R

Software and Frameworks: Haskell Tool Stack, Spring, Reactjs, React-Native, Nodejs Express, RestAPI, Elastic Search, Kibana, MongoDB, Docker