

QUOC ANH NGUYEN

COMPUTER SCIENCE MAJOR

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WORK EXPERIENCE

FPT Software - AI Department

Research & Development Intern

Hanoi, Vietnam (June 2018 - August 2018)

- Implemented "Resume Recommendation" feature in the internal system for HR Department
- Retrieved and cleaned resume data from a self-implemented database using **MySQL** and **Pandas**
- Used **Keras** and **NumPy** to build a recommendation system with **80%** accuracy using Deep Learning models, saving on average **20%** of the time compared to normal candidate assessment time by HR recruiters

FPT Software - Production Department

Software Engineering Intern

Hanoi, Vietnam (June 2017 - August 2017)

- Built a real-time 2D tracking system to detect, track, classify moving objects using **OpenCV** in **Python**
- Wrote a **Java** program to extract objects' images in videos to speed up training process for the classifier

Miami University - Demske Culinary Support Center

Web Developer

Oxford, OH (February 2017 - June 2017)

- Maintained and updated the school's culinary web pages used by 20,000 students each month
- Wrote a program to automatically render every day's food list to the cafeteria's screen
- Created a testing environment to test user experience with new contents before pushing out to the main sites

COMPETITIONS AND PERSONAL PROJECTS

Miami University Programming Contest

(October 2017)

- Placed **1st** in the annual departmental programming contest (Similar structure like ACM-ICPC Contest)
- Selected to participate in ACM-ICPC East Central North America Regional Contest 2017

Open Course

(May 2018)

- Wrote a **Python** script to automatically notify user through email that a course's seat been opened
- Used **Scrapy** to scrape registration website data to look for number of seats available in the course

Hanoi AngelHack 2017 - 1st Prize

(July 2017)

- Collaborated with 4 other teammates to create a web application that process order and delivery of authentic Vietnamese homemade food
- Created back-end services with **Koa-JS**, constructed database using **Redis** and used **Google Map API** Geolocation Service to track shipper's real-time movement in order to calculate expected time of delivery

Bob

(March 2017)

- Built a Facebook chat bot to create and remind users of noted events that support location pinning, file attachment and meme association
- Learned **Facebook Chat Bot API** and **IBM Bluemix** to train the bot to recognize linguistic patterns

UC Hackathon - Sword Fight

(September 2016)

- Created a fun IOT game that uses the device's physical movement to output digital outcomes in Rock, Paper, Scissors
- Designed back-end logic with **Node Red**, and trained movement-recognition through **IBM Watson**

TECHNICAL SKILLS

Languages : Java, Python, JavaScript

Technologies: Git, NodeJS, ExpressJS, VueJS, Unix/Linux, SQL, \LaTeX

EDUCATION

Miami University

Oxford, OH (2016-2020)

- Honours Bachelor of Engineering (Computer Science)
- Cumulative GPA: 4.0
- Honors: President's Honours List