Vu Long Phan

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# Summary

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| A dedicated, methodical and quality-driven programmer who always finishes what he is assigned and sets out to do at a fairly satisfactory level. I am eager to learn about different areas of my interest and make sure the knowledge I gain brings real value to the organization that I work for. |

# Computer skills

## Languages

* Proficient in: Python, C++, JavaScript
* Familiar with: HTML/CSS, Java, bash

## Software

* Database: MongoDB
* Platforms: ReactJS, NodeJS, Express, Spotify API, Arduino, Processing

# Experience

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| Intern | 2019-01 - 2019-07 |

Infore Technology

* Apply machine learning models in image recognition using frameworks such as Flask and Tensorflow
* Using Python and Chatfuel to create chatbots of different complexity levels

# Education

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| New York University Abu Dhabi Abu Dhabi   * Bachelor of Science: Computer Science | 2019-08 - Current |

# Projects

* Auxify Web Application: a project that allows Spotify Premium users to host listening rooms that other users can join. Users in a listening room can vote for which song to play first in a queue. The project integrates backend and frontend development and essentially a MERN (MongoDB, Express, ReactJS, NodeJS) application. MongoDB database is hosted on an EC2 Instance provided by the Amazon Web Service. The Auxify App is hosted by Heroku at <http://auxify.herokuapp.com/>
* Arduino Robot controlled by Processing interface: a school project that makes use of the USB port communication between an Arduino board and Processing program. Controlled by interactive Processing interface, the robot is able to move in four directions and when it approaches an obstacle, an alarm will sound and LED lights will blink. The project is a demonstration of my knowledge in programming with C++ on an Arduino board, programming with Java in Processing and applying efficient USB port communicating protocol. The github repository is available at <https://github.com/vulongphan/IntroToIM/tree/master/FinalProject>