Minh N. Pham

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EDUCATION

Worcester Polytechnic Institute *Worcester, MA*

- Currently pursuing BS in Computer Science and Mathematical Sciences
- Undergraduate courses: Accelerated to Program Design, Object-Oriented Design Concepts, System Programming Concepts, Algorithms, Database Systems I, Applied Statistics I

SKILLS

- **Languages:** Python; Java; SQL; C++; C
- **Technologies:** Git; Numpy; Pandas; Scikit-learn; BeautifulSoup; Jupyter Lab; Regex; SQL Developer

WORK EXPERIENCE

Data Science Intern, Viettel Cyberspace Center *Summer 2018*

- Built a machine learning model to predict the income of customers using telecommunication data. (Used Python)
- Implemented Regex to create a parser to extract the price of electricity from phone messages sent from banks and electric companies. (Used Java)

Java Tutor, Bedrock Educational Consultants *Summer 2018*

- Taught high school students basic to intermediate programming concepts, data structures and algorithms.

Salesman, Bedrock Educational Consultants *Feb 2017 – Aug 2017*

- Collected and analyzed student's profile to target customers that could maximize the revenue for the company.
- Brought in $54,000 in revenue.

PROJECTS

Stocks Movement Predictor, Project (Developed in Python)

- https://github.com/mnpham0417/Sentiment-Stocks
- Performed normal/financial sentiment analysis on news articles and tweets.
- Built a machine learning model to predict the price movement of stocks.

Fitbit Classification, Project (Developed in Python)

- https://github.com/mnpham0417/Fitbit-Classification
- Collected, manipulated and analyzed heart rate and activity data.
- Built a machine learning model to identify days with abnormal activity.

Wines Database Application, Project (Developed in Java and Oracle SQL)

- https://github.com/mnpham0417/CS3431-Database-Systems-I
- Designed ERD and created database.
- Write a Java application to retrieve and update data from database.

Home Credit Default Risk, Kaggle Competition (Used Python)

- Developed data manipulation and models tuning skills.

CERTIFICATES

DataCamp (https://www.datacamp.com/)

- **Machine Learning with Python Track , Importing and Cleaning Data with Python Track, Python Programming Track**