Tung T. **Phung**

Data Scientist

Sterling, VA

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I am a data scientist, avid runner, and cyclist who is always looking forward to the next challenge. Today, that challenge is to explore the hidden trends in data that people overlook, bringing meaning to information that people undervalue.

Skills

DATA ANALYSIS PACKAGES

- **Programming** - Python, Jupyter Notebook, Java
- **Version Control** - Git, Github
- **Libraries** - Pandas, Numpy, Scikit-Learn, StatsModels, NLTK, Word2Vec, XGBoost
- **Modeling** - Machine Learning, Natural Language Processing (NLP), Neural Network
- **Visualization** - Matplotlib, Seaborn, Bokeh, Tableau
- **Additional Services** - Flask, Docker, Amazon Web Services (EC2, S3), Google Cloud

Experience

Data Science Immersive Program — *Washington, DC*

GENERAL ASSEMBLY — *Feb 2019 - Jun 2019*

- Applied data analysis and data visualization skills in a 500-hour immersive course
- Completed 35 labs and 5 projects, leveraging data science best practices to solve real-world problems, using coding (Python, NumPy, SciPy, Pandas, SciKit-Learn, Git, SQL) and data visualization (Matplotlib, Tableau, Bokeh)
- **Project 1:** Estimating Home Prices in Ames, Iowa - Utilized regression methods to predict prices of homes previously sold in Ames, Iowa and competed in internal Kaggle Competition
- **Project 2:** Reddit NLP Analysis - Utilized Natural Language Processing to distinguish the origin of a post given a model trained from two subreddits
- **General Assembly Hackathon** - Worked together with four other full-stack developers and UX developers to assemble a prototype product to help small-scale contractors assess government RFP's rapidly

Operations Manager and Technology Officer — *Falls Church, VA*

HEALTHY SMILES DENTAL — *Jun. 2009 - Nov. 2017*

- Managed and grew small practice (5-6 employees) to (20-30 employees) dental practice – duties included interviewing, hiring, and eventual management of employees constituting the bulk of HR duties within office
- Developed and deployed policies to increase efficiency of operations workflow
- Developed and enforced policies regarding OSHA, HIPAA, PCI Compliance standards
- Made purchasing and acquisition decisions for IT solutions including computer server systems, HIPAA-compliant cloud solutions, and physical firewall/router solutions

Education

General Assembly — *Washington, DC*

DATA SCIENCE IMMERSIVE PROGRAM — *Feb 2019 - Jun 2019*

University of Virginia, School of Engineering and Applied Science — *Charlottesville, VA*

B.S. IN CHEMICAL ENGINEERING — *Aug. 2005 - May 2009*

George Mason University, College of Science — *Fairfax, VA*

M.S. CANDIDATE FOR BIOINFORMATICS AND COMPUTATIONAL BIOLOGY — *Jan. 2011 - 2013*