Tung T. **Phung**

Data Scientist

US Citizen - Sterling, VA

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I am a data scientist and lifelong Eagle Scout always looking forward to the next challenge. Today, that challenge is to explore the small details of big data and lead the way by building models that are accurate, fair, ethical, and have a positive impact.

Skills

Data Analysis Packages

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

Experience

Data Science Immersive Program — *Washington, DC*

General Assembly — *Feb 2019 - May 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 (Naive Bayes, Random Forests, XGBoost) 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 more efficient. Finished 1st Place.

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

Healthy Smiles Dental — *Jun. 2009 - Nov. 2017*

- Managed and grew small dental practice from six employees to 30 employees
- Lead the interviewing, hiring and training/on-boarding of 50+ employees
- Created and deployed policies to increase efficiency of operations workflow - including checklists and SOP manuals
- Designed and maintained policies regarding OSHA, HIPAA, PCI Compliance standards
- Participated in purchasing and acquisition decisions for IT solutions including computer server systems, HIPAA-compliant cloud solutions, and physical firewall/router solutions costing 50K

Education

General Assembly — *Washington, DC*

Data Science Immersive Program — *Feb 2019 - May 2019*

George Mason University, School of Systems Biology — *Fairfax, VA*

Completed graduate-level coursework in Bioinformatics and Computational Biology — *Jan. 2011 - 2013*

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

B.S. in Chemical Engineering — *Aug. 2005 - May 2009*