

TUNG PHUNG

DATA SCIENTIST

CONTACT

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SKILLS

Languages: Python, Scala, Java,
Jupyter Notebook, Databricks

Libraries: Pandas, Numpy,
Scikit-Learn, StatsModels, NLTK,
Word2Vec, XGBoost, Keras,
Tensorflow, Flask

Modeling: Machine Learning,
Natural Language Processing,
Neural Networks

Visualization: Matplotlib, Seaborn,
Bokeh, Tableau

Additional Services: Docker, AWS

EDUCATION

General Assembly Immersive
General Assembly
Washington, DC | 2019

B.S. Chemical Engineering
University of Virginia
Charlottesville, VA | 2009

PROFILE

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.

EXPERIENCE

DATA SCIENCE IMMERSIVE PROGRAM

General Assembly | Washington, DC | February 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)
- **Estimating Home Prices:** Built regression methods to predict prices of homes previously sold in Ames, Iowa and competed in internal Kaggle Competition
- **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
- **Static Malware Detection:** Deconstructed malware binaries and constructed pipeline to a convolutional neural network for automated malware threat detection
- **General Assembly Hackathon:** Teamed up with four other full-stack developers and UX designers to assemble a prototype product to help small-scale contractors assess government RFP's more efficiently. Finished 1st Place

OPERATIONS MANAGER AND TECHNOLOGY OFFICER

Healthy Smiles Dental | Falls Church, VA | June 2009 - November 2017

- Led the interviewing, hiring and training/on-boarding of 50+ employees growing the dental practice from 6 to 30 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
- Evaluated and purchased in conjunction with office Finance Officer \$50K in IT solutions including computer server systems, HIPAA-compliant cloud solutions, and physical firewall/router