TROY K. HEPPER

heppertroy@gmail.com | (713) 504-4106 | tkh5044.github.io/hepper-troy/

As a data scientist, I strive to solve problems using logic. I am a conscientious individual who firmly believes in the importance of structure. The rewarding feelings that result from being a part of a successful team drive me to be an effective leader.

SKILLS

Python for Data Analysis, Machine Learning, Predictive Analytics, Neural Networks, SQL, Data Visualization, Tableau, Natural Language Processing, Clustering, Web Scraping, Bayesian Statistics

EXPERIENCE

MORGANFRANKLIN CONSULTING, McLEAN, VA
Senior Consultant / Data Scientist
- Provide data science solutions, such as applying machine learning techniques to build predictive models.
- Utilize programming abilities to conduct in-depth data analysis and extract insights.
- Apply data science best practices in order to optimize processes such as data collection and data cleaning.

GENERAL ASSEMBLY, WASHINGTON, D.C.
Data Science Immersive Student   **March 2017 – May 2017**
- Participated in a full-time Data Science immersive course focused on real-world applications of data science principles and best practices. This included data acquisition and wrangling, data cleaning, data visualization, and predictive modeling.
- Performed most of the work in Python, taking advantage of libraries such as Pandas, NumPy, SciPy, Matplotlib, Seaborn, scikit-learn, BeautifulSoup, etc.
- Applied skills to real-world data problems on large-scale projects and used data visualization tools to communicate and present results in a clear manner.

ICF INTERNATIONAL, FAIRFAX, VA
Cost Estimator   **January 2016 – September 2016**
- Served as lead cost analyst consultant to the Department of Housing and Urban Development (HUD).
- Developed large-scale Independent Government Cost Estimates (IGCEs), Purchase vs Lease analyses, and supporting Basis of Estimate (BOE) documentation.
- Utilized best practice cost estimating techniques, conducted market research, and analyzed data in order to predict the future cost of an item, product, program, or task.

IT Management Analyst   **September 2016 – February 2017**
- Served as lead infrastructure change analyst for the HUD Independent Verification and Validation team.
- Ensured that the IT vendors followed all change protocols.
- Tracked all infrastructure changes, the building and decommissioning of servers, software refreshes, and application implementations.

VITOL, HOUSTON, TX
Operations Internship   **May 2014 – August 2014**
- Exposed to transportation logistics, product quality and testing, pipeline scheduling, inventory management, vessel tracking, product flow trends, and various other areas within a large international oil trading company.
- Designed material safety data sheets for all of the products that the company buys and sells.
- Collaborated with third party inspection companies to ensure proper testing was carried out and products met proper specifications.
- Generated pipeline inventory reports and visualizations for traders.

EDUCATION

Data Science Immersive Course   **May 2017**
General Assembly, Washington D.C.

Bachelor of Science, Industrial Engineering   **May 2015**
The Pennsylvania State University, University Park, PA

CERTIFICATIONS

deeplearning.ai on Coursera
Convolutional Neural Networks, February 2018
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, November 2017
Structuring Machine Learning Projects, November 2017
Neural Networks and Deep Learning, October 2017