

TROY K. HEPPEL

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I am a data scientist who looks to solve problems by using logic. As a conscientious individual, I firmly believe 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, SQL, Predictive Analytics, Machine Learning, Data Visualization, Web Scraping, Data Wrangling, Natural Language Processing

EXPERIENCE

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 analysis and modeling 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).
- Responsible for development of 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.
- Worked collaboratively with project team and client to achieve established goals.

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 graphs 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