

Philip Monaco

1111 Ridge Avenue Apartment 202 • Philadelphia, PA 19123 • philmonaco34@gmail.com • (757) 438-9782

Education

DREXEL UNIVERSITY

BS in Data Science, GPA 3.81/4.0

Philadelphia, PA

June 2022

Relevant Coursework: Algorithms & Data Structures, MIS, Software Project Management, Cloud Computing, Cyber Security, Decision Models & Simulation, Recommender Systems, Data Visualization, Social Media Analytics, Applied Machine Learning, Data Engineering, Linear & Dynamic Programming, Statistics and Probability, Data Mining Applications, Business Analytics.

Technical Skills

Programming Languages: C++, SQL, Python, MATLAB, JavaScript, R.

DS Libraries: Scikit-Learn, TensorFlow, Keras, PyTorch, DVC, MLFlow, Kedro, Numpy, Pandas, Scipy, matplotlib, Seaborn, Bokeh, Jupyter, Tidiverse.

Operating Systems: Linux, MacOS, Windows.

Experience

LOCKHEED MARTIN INTERNATIONAL

Machine Learning & Signal Processing Engineer

Cherry Hill, NJ

September 2020 – Present

Designed plans, diagrams, and documentation for machine learning and inference system architectures. Develops and maintains ML models, short/long term cognitive cycles, ML pipelines, and data lineage. Modeling and testing techniques include Bayesian inference, Bayesian non-parametrics, Markov processes, Dirichlet processes, hidden Markov models, regression analysis, PCF grammar models, and reinforcement learning.

FOREVER 21

Senior Store Manager

New York City, NY

August 2013 – June 2017

Managed part-time staff of 300+ employees and full-time management staff of 45. Collateral duties included travel to remote markets to manage the opening of new store locations. New store opening responsibilities include the hiring and training of new staff, product merchandising, and inspection of business operating procedures.

TILLY'S INC

Senior Store Manager

Irvine, CA

June 2010 – August 2013

Managed store operations and executed plans utilizing business intelligence tools. Collateral duties included travel to remote markets to rehabilitate operations in underperforming stores.

AMERICAN EAGLE OUTFITTERS

Co-Store Manager

Pittsburgh, PA

August 2006 – May 2010

Assisted the store manager in running daily business activities, which included opening/closing business, report analysis, task planning, and the hiring and training of store employees.

UNITED STATES NAVY

Gunners Mate 2nd Class/E5

Norfolk, VA

March 2002 – February 2006

Training and development of divisional personnel on the safe handling and operation of military weaponry. While deployed in combat in zones, primary duties shifted to ship defense. Served for two deployments for ten and eight months in the European and Middle Eastern war zones to support the War on Terror and Operation Enduring Freedom.

Activities

Member of the Drexel Veterans Club • Member of Veterans of Foreign Wars • Japanese Undergraduate Student Association
• Volunteer at Salvation Army Learning Center for Children

Skills & Interests

Language: Level 5 English, Level 2 Japanese, Level 2 Portuguese, Level 2 Spanish

Interests: Artificial General Intelligence, Boxing & MMA, and Travel.