


EDNALYN C. DE DIOS

Data Scientist

I've always been enamored with code and I love data science because of its inherent power to solve problems. Having grown up in the Philippines, served in the United States Navy, and worked in the nonprofit sector, I am driven to make the world a better place. I have started and participated in numerous campaigns that aim to reduce domestic violence and child abuse in the community.

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 in/ecdedios

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>>> SKILLS

Applied Statistics – Machine Learning – Natural Language Processing – Distributed Data – Data Storytelling – Git – Jupyter Notebooks – Anaconda

Python	Pandas	Scikit-learn
SQL	Numpy	HTML
Spark	Matplotlib	Bootstrap
Tableau	Seaborn	PHP

>>> CIVILIAN EXPERIENCE

Aware Central Texas 2010-2017

Increased productivity of staff members and volunteers by 50% while serving as Chief Information Director. Established agency's domestic violence 'Crisis to Confidence' program as the Family Violence Unit Director.

>>> MILITARY EXPERIENCE

United States Navy 1999-2007

As Financial Manager, managed five operating budgets worth over \$63 billion. Other roles include: Supply Manager, Warehouse Manager, Procurement Specialist, Inventory Control Specialist, Store Manager, Surface & Aviation Warfare Specialist.

>>> RECENT PROJECTS

Anomaly Detection 5/19
Identified anomalies using statistical methods, clustering, and DBSCAN.

Time-Series Analysis 4/19
Forecasted health status on Fitbit data.

Clustering 4/19
Improved estimate of log error on Zillow data.

Classification Project 3/19
Used Logistic Regression, Decision-Trees, and Random Forest to predict customer churn.

Linear Regression Project 3/19
Made recommendations to reduce the churn rate.

Automated Tweet Generator 2/19
Developed a console application in Python which automatically makes a Twitter post.

>>> ACADEMIC BACKGROUND

Codeup 6/19

Fully-immersive, project-based 18-week Data Science career accelerator that provides students with 600+ hours of expert instruction in applied data science. Students develop expertise across the full data science pipeline (planning, acquisition, preparation, exploration, modeling, delivery), and become comfortable working with real, messy data to deliver actionable insights to diverse stakeholders.