

EDNALYN C. DE DIOS

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CAREER PROFILE

Over ten years of management experience. Four years of data science experience in various industries, including FinTech/BPO, pharmaceuticals, and tech. CompTIA A+, Project+, and Network+ certified.

CAREER HIGHLIGHTS

Served as a senior associate data scientist in the FinTech/BPO industry, leveraging natural language processing, network graph analysis, and other techniques to extract insights from large datasets.

Developed automation solutions for a pharmaceutical company, including optical character recognition (OCR) and natural language processing (NLP) techniques to convert unstructured data into functional business documents.

Currently serving as a Machine Learning Support Engineer at Microsoft, providing technical support, and troubleshooting for machine learning models and systems.

Created agency's domestic violence 'Crisis to Confidence' program as Family Violence Unit Director, and increased productivity of staff members and volunteers by 50% as Office of Project Management and IT Director at Aware Central Texas.

TECHNICAL SKILLS

Natural Language Processing – Spacy – NLTK – GSDMM – LDA – Network Graph Analysis – Data Wrangling – ETL – EDA – Applied Statistics – Machine Learning – Distributed Data – Data Storytelling – Git – Jupyter Notebooks – Anaconda – Python – SQL – Spark – Tableau – Pandas – Numpy – Matplotlib – Seaborn – Scikit Learn – Data Management – Visualization – Power BI – OCR – Computer Vision – AWS – Azure Machine Learning Studio – Project Management

PROFESSIONAL EXPERIENCE

Microsoft (Insight Global)

Mar 2022 – Present

Machine Learning Support Engineer – Responsible for providing technical support and troubleshooting for machine learning models and systems. This involves model deployment, monitoring and troubleshooting, technical support, documentation and training, performance optimization, collaboration with data scientists and developers, and research and development.

Merck (Insight Global)

Aug 2021 – Mar 2022

Machine Learning Engineer – Developed automation solutions for a pharmaceutical company. Performed optical character recognition (OCR) natural language processing techniques (NLP) to convert large unstructured datasets into functional business documents. Worked in Python, AWS, and UiPath.

TaskUs

Aug 2019 – Aug 2021

Senior Associate Data Scientist – Worked with large structured and unstructured data sets, cleaning/scrubbing data sets, build/deploy models. Scoped innovative solutions. Worked with stakeholders on applying and delivering AI at scale. Conducts exploratory data analysis using NLP techniques. Created end-to-end data pipelines in AWS using Lambda, API Gateway, etc. Delivered actionable insights to stakeholders.

Aware Central Texas

Jan 2010 – Mar 2017

IT Director / FVU Director – Increased productivity of staff members and volunteers while serving as Office of Project Management and IT Director. Created agency's domestic violence 'Crisis to Confidence' program as the Family Violence Unit Director.

RECENT DEVELOPMENT PROJECT

Texas Public Schools Effectiveness Study

Answers the questions of how funding influences student academic performance while accounting for diversity.

NLP Engine

Used SOTA software to develop and deploy a natural language processing engine that takes in unstructured data and generates n-grams, sentiment analysis, and named entities.

ACADEMIC EXPERIENCE

Western Governors University – Salt Lake City, UT

2023

M.S., Data Analytics

Western Governors University – Salt Lake City, UT

2023

B.S., Data Management and Data Analytics

Codeup – San Antonio, TX

2019

Fully immersive, project-based 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.

HONORS & AWARDS

Winner of CivTechSA Datathon 2019 – Joint-Service Commendation Medal – Navy Good Conduct Medal – Admiral's Letter of Merit – Sailor of the Year – Sailor of the Quarter

MEDIUM – <https://medium.com/@ednalyn.dedios>