EDNALYN C. DE DIOS

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CAREER PROFILE

Over ten years of management experience. Five years of data science and machine learning 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.

Served 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 – LLM – OpenAI – Semantic Kernel – LangChain – Prompt Engineering

PROFESSIONAL EXPERIENCE

Microsoft (Insight Global)   **Mar 2022 – Sep 2023**

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. Worked on machine learning problems such as classification, forecasting, and natural language processing (NLP) including LLMs (ChatGPT).

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 (NLP) techniques 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.

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

CERTIFICATIONS

CompTIA A+, Project+, and Network+

WEBSITES
https://medium.com/@ednalyn.dedios
https://github.com/ecdedios