

DARLA VALDERRAMA

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SKILLS

Programming Languages: Python, SQL, R, JavaScript

Machine Learning & Statistical Modeling: Scikit-Learn, Supervised & Unsupervised Learning (Regression, Decision Trees, SVM), Neural Networks, A/B Testing, Predictive Modeling

Data Analysis & Visualization: Pandas, NumPy, Tableau, Power BI, Exploratory Data Analysis (EDA), Jupyter Notebook

Cloud & Data Tools: AWS (S3, Lambda, API Gateway), ETL Pipelines, MongoDB, MySQL

EDUCATION

Bachelor of Science in Data Science, Minor in Computer Science – *College of Charleston*

EXPERIENCE

Data Analyst Intern – Buena Ola Capital

Brooklyn, NY

June – August 2021

- Led a team project using Python in Google Colab to process data and extract results, employing advanced statistical techniques within the triple bottom line framework, driving valuable insights for sustainable decision-making.
- Streamlined data preparation pipelines for predictive financial models (Alphalens) by performing ETL operations on complex datasets using SQL and BeautifulSoup, boosting model accuracy by 15% for better investment forecasting.
- Researched lobbying data and explored correlations with companies' relative returns, utilizing data visualization techniques and time series analysis to yield impactful discoveries that informed strategic investment decisions.

Data Analyst Intern – International Foundation for Electoral Systems, IFES

Arlington, VA

June – August 2021

- Conducted data analysis using SQL to uncover demographic trends, revealing critical patterns that helped shape program strategies and success.
- Partnered with task forces to assess data and support global diversity and inclusivity initiatives, offering data-driven strategies and actionable recommendations to stakeholders.
- Developed technical documentation to communicate key findings and equip internal and external stakeholders with comprehensive analytics.

Technical Support Specialist – TD Bank

Greenville, SC

April 2022 – September 2024

- Diagnosed customer issues through root cause analysis and implemented data validation procedures, ensuring compliance and improving operational efficiency.
- Delivered multi-channel support (chat, phone, email), leveraging data to resolve financial transactions issues for consumer banking services and increasing customer satisfaction by 23%.

PROJECTS

LLM Fine-Tuning Interface – Querri (MongoDB, Express, React, Node.js, JavaScript, VSCode)

Charleston, SC

January – May 2024

- Co-developed a platform to streamline the creation and management of training datasets for AI model fine-tuning, reducing dataset preparation time by 31%.
- Achieved a 20% gain in model training efficiency through extensive work with OpenAI's generative pre-trained models and open-source frameworks like Llama and Mistral.
- Collaborated in a cross-functional team in an Agile environment to deliver project analysis and implementable recommendations to over 50 stakeholders, including Product Owners and CEOs.