

# DARLA VALDERRAMA

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**SKILLS** Python, SQL, R, JavaScript, Machine Learning (Scikit-Learn, Clustering & Customer Segmentation), Predictive Modeling, Statistical Learning, Data Manipulation (Pandas, NumPy), Data Visualization (Tableau, Power BI), Exploratory Data Analysis (EDA), ETL Processes (Cloud Data Warehousing), MySQL, MongoDB, Jupyter Notebook, Fluency in Spanish

## 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.