Ryan-James (RJ) Calabio

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EDUCATION

Western Governor's University   Expected Sep .2024
Master of Science, Data Analytics

University of California, Irvine   Dec. 2023
B.A. Economics

SKILLS & INTERESTS

- **Technical:** SQL, Python, Pandas, Prophet, Apriori, Optuna, Seaborn, PostgreSQL, Scipy
- **BI Software:** Snowflake, PowerBI (Data Visualization), Anconda, Jupyter Lab, VS Code, Excel

EXPERIENCE

SpartanNash   Grand Rapids, MI
Business Intelligence Developer (Ecommerce/Marketing)   Feb 2024 – Present
Business Intelligence Intern   Mar 2022 – Feb 2024
- Scaling and deploying machine learning model for sales forecasting on Snowflake
    o Reduced operational costs for the retail and finance team by automating manual forecasting processes using machine learning models and increasing efficiency for forecasting
- Implementing LLM's to generate context for marketing data and applying these to models like Apriori
- Developing Power BI semantic model for Marketing / Ecommerce reporting environment to be built on
- Present to VP of Data on forecasting use cases and machine learning operations processes that could be implemented within the company, and getting greenlit to develop and productionalize these suggestions
- Forecast daily sales goals and creating report to compare forecasted, budget, and actuals and leading the automation of forecasting model, leveraging Snowflake to run on the cloud
    o Optimize hyperparameters of time series forecasting model using Optuna and statistical analysis
- Creating, maintaining, and utilizing proper development, UAT, and production pipelines for development
- Query and visualize large tables of data with over 2 billion rows of sales data using SQL, Power BI, and Snowflake for reporting and analysis
- Collaborate with marketing, retail, and finance teams to align on business requirements for prioritization, develop Power BI reports, and present to executive leadership on analysis findings
- Developing and enforcing CI/CD process, UI Checklist, and over report development checklist for offshore developers for Power BI reports
- Participate in daily scrum and Agile methodology using Jira and Kanban boards

Richter Consulting   Toronto, Ontario
Risk Analyst Intern   May 2019 – Mar 2020
- Improved the intake of new clients by leveraging a dark web monitoring tool and compile data into sales pitch reports and presentations
- Create PowerPoint slide deck and present alongside Vice President

EXTRACURRICULARS

UCI OIT Dataset Winner, UCI Datathon 2023   xApril 2023
- Won category for best analysis of health dataset provided by UCI OIT with team of 3 others. Utilized SQL, Python, and Tableau to create a model that uses patient appointment data to predict sepsis diagnosis

Speech Team, Orange Coast College   Jan 2019 – Dec 2019
- Finalist in PSCFA Speech Tournament