Roydan Cruz

Data Scientist & Accountant

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OBJECTIVE

To leverage my strong background in data science and economics to secure a stimulating position as a data scientist. I aim to utilize my skills in data visualization, statistical analysis, and economic theory to drive data-driven decision-making and contribute to the success of a forward-thinking organization.

EDUCATION —

09/24 – in Progress
Masters in Data Science - Boston College, Chestnut Hill, Massachusetts
- GPA of 3.79.

09/21 – 12/22
BA Economics - University of Massachusetts Lowell, Lowell, Massachusetts
- GPA of 3.9

KEY SKILLS —

Data Ethics
Data Analytics
Interactive Data Visualization
Deep Learning
Dashboard Design
Machine Learning Algorithms
Multivariate Statistical Analysis

EXPERIENCE

12/21 – Present
Accountant Assistant • Lawrence, MA • Meran Tax

- Managed the bookkeeping of 30+ small businesses in industries such as restaurants, construction, grocery stores, day cares, and others.
- Converted a manual bookkeeping process into a semi-automated process in QuickBooks
- Manipulated data to create visuals for financial reports in Excel, such as monthly, quarterly, and yearly profits

08/23 – 04/25
Staff Accountant • Portsmouth, NH • HCA Healthcare

- Streamlined intercompany postings using a semi-automated procedure that organizes corporate activities by type, such as revenue or expense.
- Set up advanced AP (Accounts payable) Excel spreadsheets to track payments for contract-based physician contracts.
- Close the monthly fiscal period
- Prepare monthly journal entries, analyses, and account reconciliations as required accurately
- Prepare and post key indicators and statistics

Academic Experience

- Pursuing a master's degree in ethical data science, with rigorous coursework in linear algebra, probabilities, and multivariate calculus, providing a strong mathematical background needed for understanding the backbone of many statistical and machine learning algorithms.
- Conducted a causal analysis, using NFCS survey data, on the impact financial wellbeing has on an individual's financial well-being. The analysis employed the use of double machine learning for causal effect estimation.