Eduardo Benjamin

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OBJECTIVE

Data-driven analyst with expertise in predictive modeling, data engineering, and process automation. Successfully streamlined loan data processing for risk assessments, enhancing reporting efficiency and supporting strategic decision-making.

EDUCATION

University Of Colorado Boulder | Bachelor of Information Science | 2022 - 2025 | 3.8 GPA

Arapahoe Community College | Associates of Science | 2019 - 2022

WORK EXPERIENCE

Data Engineer/Business Analyst Internship | SitusAMC
Risk Advisory Department **|** May - August 2024

- **Analyzed Large-Scale Loan Datasets:** Managed and cleaned **20,000+ loan records**, improving data accuracy and optimizing reporting efficiency using **SQL and Python**.
- **Developed SQL-Based Data Processing Tools:** Engineered a parser to standardize internal SQL dialects, **streamlining data transformation** and reducing manual work.
- **Built Data Pipelines for Loan Processing**: Designed **SQL and Python-driven workflows** for loan amortization, data aggregation, and Standard Monthly Mortgage (SMM) generation to **enhance financial analysis.**

Coding Instructor | CodingWithKids **|** August 2023 - Present

- Teach programming concepts to children aged 8-14 using Python, JavaScript, HTML.
- Develop and implement engaging lesson plans to foster students' interest in technology. Any given class consists of; communicating complex ideas clearly and adapting to different audiences.

PROJECTS

Credit Default Model: Developed a machine learning model to **predict loan defaults** with 95% accuracy and a 96% F1 score, **optimizing risk assessment** for financial institutions.
Comprehensive Stock Trading Model: Designed a machine learning-based trading model for S&P 500 stocks, **leveraging technical indicators** to generate trading signals and achieve a 23% annual profit.
AI Powered Resume Tailoring Web Application: Developed a **Flask-based** AI-powered resume tailoring platform integrating the **Indeed API** for job searches, OpenAI for resume optimization, and a **SQLite database** for user data and job tracking.

SKILLS

Programming Languages & Tools: Python, SQL, PowerBI, React , Excel, Rust, JavaScript, HTML/CSS, Tableau, Git, Azure, Mermaid.JS, TensorFlow, API's, JSON, MongoDB

Technical Abilities: Databases and Data Warehouses (Sqlite, Postgres), ETL Methodologies, Machine Learning, Predictive Analysis, Loan Analysis, Stock Analysis, Full Stack Development

Proffesional Abilities: Communication, Teamwork, Problem-Solving, Solution-Oriented Mindset, KPI tracking