Eric Cruz

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Aspiring Data Scientist having completed Springboard Data Science Career Track: 550+ hours of hands-on curriculum, with 1:1 industry expert mentor oversight, and completion of 2 in-depth capstone projects. Mastering skills in Python, SQL, data analysis, data visualization, hypothesis testing, and machine learning.

Career success in the Financial Services Industry. Lead teams, foster client relationships, communicate, and collaborate across functions and with all levels of leadership to execute concurrent technical projects with high level analytical abilities, problem solving skills, gathering of business requirements, documentation of test plans, specifications, timelines, and management reporting to improve processes and design, deliver solutions, maximize performance and guide strategic decision making.

Experience

Project – Social Network Outreach Tool – College Tennis website All-Time Roster download searched on LinkedIn to provide downloaded profiles with match accuracy predictor – Client is College Tennis Alumni Network
https://github.com/cruzer42/Capstone-Project-2-for-Springboard

- Creating datasets with web scraping, designing data specifications, analyzing the scope and requirements for gathering data.
- Data Cleansing and Preparation using grouping, aggregation, text splitting, and parsing.
- Exploratory Data Analysis leading to Feature Selection, Construction, and Transformation.
- Evaluation and Selection of Models, Parameters and Hyperparameters, Preprocessing and Cross Validation techniques, and Performance Metrics.
- Chose the Random Forest Classifier with Standard Scaler normalization, GridSearchCV pipeline cross validation and automatic parameter selection. Used Confusion Matrix counts to explain the Binary Classification Model results to the Clients.
- Delivered prototype Report and Dataset to Client. The Report includes data visualization and statistics on LinkedIn search result matching. Product was accepted and put into production for replication and distribution to sub-clients.

Wells Fargo – Regulatory Technology - Contractor   **December 2019 - present**

- Scrum Master for MIFID II Business Analyst, Developer, QA Testing Team
- Leadership Role in Agile Transformation, promoting teamwork and continuous improvement within the scrum team and between other scrum teams.

Dexia Credit Local – Project Manager in IT and Data Quality Services   **July 2014 - December 2019**

- Regulatory Projects covered CFTC, EMIR, MIFIR SFTR for Trade Repositories DTCC and UnaVista. In addition to PM role, I covered the Business Analyst role and reconciled trade details and population matching, comparing SQL database queries to Excel lookup, pivot, and sorting functions.
- System Upgrade Projects covered Murex, Principia, and FIS Prime Compliance Suite
- Analyzed and rewrote specifications for a Bond Pricing GUI based tool, sourcing data from 3 external sources to comply with best practices. Managed project to successful delivery of the product.

HSBC – Consultant   **February 2008 – July 2019**

- Contributed and consulted as IT Business Analyst, delivering HSBC Summit Support. Supervised activities of 3 to 6 Developers and 3 to 6 Analysts on projects and ran/maintained/changed the bank activities. Documented Business Requirements, Project Plans/Timelines, SIT/UAT Test Plans, Specifications, Status Reports.

Education and Certifications

- MBA in Econometrics and Finance – The University of Chicago Booth
- AB in Economics and Philosophy – Cornell University
- Project Management Professional (PMP), Certified ScrumMaster (CSM), DTCC GTR Certification
- Deep Learning and Big Data Specialization series, Coursera