Reid Case

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SKILLS

Languages: Python, SQL, R, Java, C/C++ and JavaScript

Tools and Technologies: Microsoft SQL Server, Postgres, Hadoop, Hive, MapReduce, Scikit Learn, Tensorflow, Keras, Matplotlib, Plotly, Amazon Web Services, Microsoft Azure, Kafka, Heroku, Jupyter Notebooks, Git, Linux, MongoDB, SQLAlchemy, Flask, Alembic and Node.js

EXPERIENCE

Core Systems Programmer Analyst, SkyOne Federal Credit Union — April 2018-Present
Hawthorne, CA

- Implemented data warehouse on Microsoft SQL Server by working between vendors and internal stakeholders, performing configuration, UAT, and providing operations, maintenance and training plans
- Modeled meta-data to address CCPA requirements and enhance data warehousing initiatives as a part of the Data Governance team
- Employed QuickTap Survey's REST API, the MEAN stack and Plotly to create internal dashboards for staff to track progress towards goals of reaching $1 billion in assets and 60,000 members
- Provided reporting and insights as a member of the Deposit Growth Committee which contributed to increases in member deposits and achieved growth goals for 2019

IT Support Programmer, RiverLand Federal Credit Union — March 2012-July 2017
New Orleans, LA

- Upgraded data analytics infrastructure using Microsoft SQL Server Suite to reduce reliance on operational databases for improved financial projections and management insights that contributed to 5 year growth from $189 million to $232 million in assets
- Established data pipelines for the implementation of a decision system that managed overdraft limits resulting in $30,000 to $50,000 in monthly fee revenue
- Designed and built member stratification system used to automatically manage remote check deposit limits resulting in reduced risk and exposure

EDUCATION

Master of Science in Computer Science — November 2020
Data Science Concentration
DePaul University

Bachelor of Science in Applied Computing, Systems & Technology — December 2010
Minor in Small Business Development
Tulane University

PROJECTS

Boston Crime Data Regression Analysis — November 2019
DePaul

- Contributed regression models to this group project that analyzed station distance from reported crime location against multiple physical and environmental explanatory variables
- Conducted exploratory analysis, data cleaning, preprocessing and residual analysis of resultant models in R
- Worked with group members to assess and interpret all contributed model's results for final paper

Analysis of Cycling Performance Data — June 2019
DePaul

- Predicted heart rate response and power measures from recorded ride data sourced from multiple cyclists
- Collected, cleaned and preprocessed data, including imputation, unit conversion, and anomaly correction using AWS SageMaker and Python packages Numpy, Pandas, multiprocessing, and Scikit Learn
- Employed a concurrent evolutionary algorithm using multiprocessing in Python to tune parameters for Multi-Layer Perceptron Regressor model