REID CASE

GLENDALE, CA

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EXPERIENCE

Business Insights Manager   August 2021 – Present

SkyOne Federal Credit Union Hawthorne, CA

(SQL, Python, Scikit-Learn, SQLAlchemy, matplotlib, Jupyter Notebooks, Microsoft Visual Studio Code, Power BI, AWS S3, Athena, Glue, and SageMaker)

- Responded to inflation pressure and rising federal funds rates by conducting regression analyses that informed strategic decision-making resulting in a 21% increase in funds on deposit that totaled over $100 million
- Addressed increasing defaults from the post-COVID economic environment by developing an end-to-end machine learning solution deployed to AWS to forecast loan survival contributing to a 12% reduction in charge offs
- Strengthened analytics capabilities by leading interns from the STEM Advantage program by providing hands-on experience with data and analytics tools in an Agile environment
- Organized the analytics function at SkyOne to address data challenges across the organization by developing comprehensive 1, 3, and 5 year roadmaps for data analysis and machine learning, conducting stakeholder interviews, completing vendor assessments, and communicating cloud-based system architecture plans which achieved standardized reporting workflows, expanded SkyOne's data warehouse, and enhanced data equity, availability, and accuracy

Core Systems Programmer Analyst   April 2018 – August 2021

SkyOne Federal Credit Union Hawthorne, CA

(Microsoft SQL Server, MongoDB, Express, AngularJS, Node.js, and Plotly)

- Bridged gaps in historic data availability, reporting accuracy, and turn-around time by working with vendors and stakeholders to implement, configure, and test a data warehouse solution which resulted in immediate improvements in critical financial statement production by the Accounting and Finance departments and facilitated future data science initiatives
- Modeled metadata to meet CCPA requirements and enhance data warehousing initiatives as part of the Data Governance team. Strengthened security and privacy for SkyOne's members
- Engineered dashboards for staff using QuickTap Survey's REST API to enable goal tracking towards reaching $1 billion in assets and 60,000 members

IT Support Programmer   March 2012 – July 2017

RiverLand Federal Credit Union New Orleans, LA

(Microsoft SQL Server, Report Builder, JavaScript, and Jack Henry & Associates PowerOn)

- Upgraded data infrastructure to improve analytics that contributed to 5 year growth from $189 million to $232 million in assets
- Designed and engineered member ranking system used to manage remote check deposit limits resulting in reduced risk
- Built data pipelines for an overdraft limit management system resulting in $30,000 to $50,000 in monthly fee revenue

EDUCATION

Master of Science in Computer Science, Data Science and Software Engineering

DePaul University Chicago, IL

November 2020

Bachelor of Science in Applied Computing, Minor in Small Business Development

Tulane University New Orleans, LA

December 2010 (Cum Laude)

SKILLS

Languages: Python, SQL, R, JavaScript
Databases: Microsoft SQL Server, MongoDB, AWS Athena
Tools: Microsoft Power BI, Git, Microsoft Visual Studio Code, Anaconda, Jupyter Notebooks, Asana
Operating Systems: Windows, Ubuntu, Debian, MacOS

Libraries and Frameworks: scikit-learn, Matplotlib, Plotly, boto3, Flask, SQLAlchemy, pytest, Hadoop
Cloud: AWS Glue, AWS SageMaker, AWS S3
Other: Agile, Project Management, Business Analysis, Regression, Time Series, Machine Learning