

REID CASE

GLENDAL, CA

504-236-5069 | rtc.datasci@gmail.com | [linkedin.com/in/reidtc82](https://www.linkedin.com/in/reidtc82) | github.com/reidtc82

EDUCATION

DePaul University

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

Chicago, IL

November 2020

Tulane University

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

New Orleans, LA

December 2010

EXPERIENCE

Business Insights Manager

SkyOne Federal Credit Union

August 2021 – Present

Hawthorne, CA

- Conducted analyses of membership and products employing SQL, Python, Scikit Learn, SQLAlchemy, matplotlib, Jupyter Notebooks, and Microsoft Visual Studio Code to aid in rapid pricing decisions in response to inflation pressure and raising federal funds rate
- Built a member loan default prediction model using Python, AWS S3, Athena, Glue, and Lambda Functions. Employed Accelerated Failure Time Regression to forecast survival through loan maturity
- Hired, mentored, and lead interns from the STEM Advantage program in Los Angeles through an Agile Framework to ingest data from Microsoft SQL Server data warehouse, construct data models following Kimball's star schema, and present findings through Power BI dashboards for operations, outreach, and management to monitor new member on-boarding
- Developed 1, 3, and 5 year road maps for data analysis at SkyOne by interviewing stakeholders, reviewing vendors, and communicating cloud based system architecture plans through all levels of leadership

Core Systems Programmer Analyst

SkyOne Federal Credit Union

April 2018 – August 2021

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
- Engineered dashboards using QuickTap Survey's REST API through MongoDB, Express, AngularJS, Node.js, and Plotly for staff to track progress towards goals of reaching \$1 billion in assets and 60,000 members

IT Support Programmer

RiverLand Federal Credit Union

March 2012 – July 2017

New Orleans, LA

- Upgraded data infrastructure using Microsoft SQL Server Suite for improved 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 and exposure
- Built data pipelines for a overdraft limit management system resulting in \$30,000 to \$50,000 in monthly fee revenue

SKILLS

Languages: Python, SQL, R, JavaScript, Java

Frameworks: Flask, SQLAlchemy, pytest

Tools: Microsoft Power BI, Git, Microsoft Visual Studio Code, Anaconda, Jupyter Notebooks, Asana

Libraries: Scikit Learn, Matplotlib, Plotly

Databases: Microsoft SQL Server, MongoDB, Azure Cosmos DB, AWS Athena

Cloud: AWS Glue, AWS SageMaker, AWS Athena, AWS EMR, AWS Lambda, AWS S3

Other: Agile, Project Management