

Dear Hiring Manager at Jobs,

I am writing to express my interest in the ServiceNow Data Reconciler position at SAIC, as advertised on Dice. With a Master of Science in Computer Science and relevant courses in data structures, big data analytics, and machine learning, I am confident in my ability to provide scalable cloud-based image recognition services using AWS, implement an advanced auto-scaling algorithm, and perform ad-hoc queries on processed data for analysis and insights.

As a Business and HR Analyst at Arizona State University, I have hands-on experience in Python, SQL, and AWS, and have engineered VBA-embedded Python scripts that automated the manual process of formatting accounts data, achieving a 97.22% reduction in processing time from 12 hours to 20 minutes. I have also extracted, analyzed, and visualized reports from Workday and PeopleSoft in Tableau to enhance data-driven decision-making.

In my previous role as a Machine Learning Intern at Tequed Labs, I led data cleaning and preprocessing initiatives for the house price prediction project, utilizing Python to handle missing values, outlier detection, and feature engineering, resulting in a model with 20% improved pricing accuracy in a tight timeline. I have also orchestrated and optimized data pipelines using scikit-learn, incorporating GridSearchCV for hyperparameter tuning, achieving price prediction accuracy of 91%.

As a Data Analyst Intern at Cube Logistics, I enhanced SQL query performance by optimizing SARGability, implementing composite indexing, and restructuring queries, resulting in a 50% reduction in execution times and improved efficiency in a Snowflake-based data warehouse. I have also conducted comprehensive exploratory data analysis on large-scale logistics datasets, uncovering critical KPIs that were strategically integrated into Tableau dashboards, driving enhanced decision-making.

I am confident that my skills and experiences align with the requirements of the ServiceNow Data Reconciler position. I am a skilled programmer in Python, SQL, and Shell Scripting, and have experience with frameworks such as PySpark, Flask, Numpy, Pandas, PyTorch, Keras, TensorFlow, Boto3, Scikit-learn, and SQLAlchemy. I am also familiar with data technologies such as MySQL, PostgreSQL, DynamoDB, Databricks, Snowflake, Apache Spark, Apache Kafka, Apache Hadoop, and Apache Zookeeper, and have experience with AWS Cloud, including EC2, S3, SQS, Lambda, Glue, Athena, and QuickSight.

I am excited about the opportunity to bring my skills and experiences to SAIC and contribute to the success of the Vanguard 2.2.1 program. Thank you for considering my application.

Sincerely,

Harsh Victor Challa