CHARLIE YARIS

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Education

WASHINGTON UNIVERSITY IN ST. LOUIS
Bachelor of Arts, May 2016
Major: Psychological & Brain Sciences
Minors: Marketing, Music
Dean's List Recipient

Skills

Business Intelligence Tools: Adobe Analytics, Tableau, Microsoft Power BI
Cloud Computing Services: Amazon Web Services (AWS), Google Cloud (GCP)
Coding Languages: Python, JavaScript, SQL, HTML
Data Libraries: D3.js, Chart.js, Pandas, NetworkX, Numpy
Database Tools: Snowflake, Apache Airflow, Databricks, Flyway, MongoDB, BigQuery
Web Frameworks: Svelte, FastAPI, Flask

Experience

THE WALT DISNEY COMPANY, CHICAGO, ILLINOIS
Data Engineer, Personalization & Experimentation   **Dec. 2021 - Present**
• Supporting the data pipeline that powers ESPN's recommendation engine with automation and data migration efforts.
• Delivering critical reporting metrics to executive management from custom websites built with Svelte.
• Using Svelte and D3.js to develop a JavaScript library of interactive data visualization chart components.
• Using Python to leverage the Adobe Analytics API and perform object-relational mapping for generating critical SQL queries.
• Building ETL pipelines involving Databricks, Apache Airflow, and Snowflake to populate relational and non-relational databases.

NAVARC, CHICAGO, ILLINOIS
Data Engineer   **Mar. 2021 - Dec. 2021**
• Developed a chatbot using Python and several Google Cloud products to alert team members of data accuracy issues.
• Leveraged the Google Cloud API with Python to instantaneously launch/terminate SQL scripts.
• Wrote templated SQL queries within Google BigQuery to be onboarded with each new client.

NINJAHOLDINGS, CHICAGO, ILLINOIS
Data Management Associate, Operations   **Oct. 2019 - Feb. 2022**
• Delivered weekly reporting metrics to the CEO as the primary SQL developer for the calling and communications center.
• Designed efficient pipelines and actionable dashboards using materialized views within a PostgreSQL data warehouse.
• Calculated critical performance metrics for 13 legal audits to maintain state lending licenses.

PAIN SPECIALISTS OF AMERICA, CHICAGO, ILLINOIS
Data Intern   **Sept. 2019 - Dec. 2019**
• Built dashboards using Microsoft Power BI to help doctors monitor patient and prescription trends.
• Wrote DAX expressions to process raw data into calculated columns and measures for Microsoft Power BI.

HIGHEREDUCATION.COM, SEATTLE, WASHINGTON
Marketing Analyst   **Feb. 2017 - Feb. 2018**
• Leveraged PostgreSQL tools within pgAdmin to build target segments for 10 email marketing campaigns per week.
• Automated the marketing workflow with custom macro functions, increasing overall production by 100%.
• Delivered monthly quantitative reports to assess progress and set benchmarks for email marketing campaigns.

Data Certifications

AMAZON WEB SERVICES (AWS)
AWS Certified Cloud Practitioner   **Feb. 2021**
• Acquired foundational knowledge and skills to demonstrate an understanding of Amazon Web Services (AWS).

METIS
Data Science Bootcamp Certificate   **Dec. 2018**
• 12-week ACCET-accredited full-time course with a project-based curriculum.
• Underwent advanced training in Python, database management, statistics, and machine learning.
Applied Machine Learning & Artificial Intelligence Certificate   **Aug. 2018**
• 5-week ACCET-accredited course developing an intuitive and practical understanding of machine learning algorithms.

GENERAL ASSEMBLY
Data Analytics Certificate   **Apr. 2017**
• 10-week course developing advanced analytical skills using Microsoft Excel, PostgreSQL, and Tableau.