

Degrees

Washington University in St. Louis

Bachelor of Arts, 2016

Major: Psychological & Brain Sciences

Minors: Marketing, Music

Skills

Business Intelligence Tools: Adobe Analytics, Tableau, PowerBI

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

Employment

The Walt Disney Company

Data Engineer, Personalization & Experimentation

Chicago, IL

Dec. 2021 to 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

Data Engineer

Chicago, IL

Mar. 2021 to 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.

CreditNinja

Data Management Associate, Operations

Chicago, IL

Oct. 2019 to Feb. 2021

- 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

Data Intern

Chicago, IL

Sept. 2019 to Dec. 2019

- Built dashboards using PowerBI to help doctors monitor patient and prescription trends.
- Wrote DAX expressions to process raw data into calculated columns and measures for PowerBI.

HigherEducation.com

Marketing Analyst

Seattle, WA

Feb. 2017 to Feb. 2018

- Leveraged PostgreSQL tools within pgAdmin to build target segments for 10 email marketing campaigns per week.
- Wrote macro functions to automate the marketing workflow, increasing 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.

Machine Learning & Artificial Intelligence Principles Certificate

Aug. 2018

- 5-week ACCET-accredited course developing an intuitive and practical understanding of machine learning algorithms.