

## 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. 2018 to Feb. 2019

- Leveraged PostgreSQL tools within pgAdmin to build target segments for 10 email marketing campaigns per week.
- Wrote macro functions with Keyboard Maestro 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

### 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.

### Amazon Web Services (AWS)

#### AWS Certified Cloud Practitioner

Feb. 2021

- Acquired foundational knowledge and skills to demonstrate an understanding of Amazon Web Services (AWS).