

## Degrees

### Washington University in St. Louis

Bachelor of Arts, 2016

Major: Psychological & Brain Sciences

Minors: Marketing, Music

## Skills

**Coding Languages:** Python, SQL, JavaScript, HTML

**Data Analysis Libraries:** Pandas, Numpy, DAX, NetworkX

**Data Visualization Libraries:** D3.js, Plotly, Matplotlib/Seaborn

**Web Scraping Libraries & Frameworks:** Scrapy, BeautifulSoup, Requests

**Business Intelligence Platforms:** Tableau, PowerBI, Sisense/Periscope Data

**Data Management Services:** AWS, GCP, BigQuery, Snowflake, PostgreSQL

## Employment

### Navarc

Data Engineer

Chicago, IL

Mar. 2021 to Present

- Developing a chatbot using several Google Cloud products to alert team members of data accuracy issues as they arise.
- Leveraging Google Cloud's API with Python to instantaneously launch or terminate SQL scripts.
- Writing templated SQL queries within Google BigQuery that are onboarded with each new client.
- Mapping table dependencies following each query edit to determine the optimal order for materializing our SQL pipeline.

### CreditNinja

Data Management Associate, Operations Department

Chicago, IL

Oct. 2019 to Feb. 2021

- Managed and delivered weekly reporting metrics as primary SQL developer for call center and automated communications.
- 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.
- Created a reliable methodology for comparing results across outreach campaigns executed by six third-party vendors.

### Pain Specialists of America

Data Intern

Remote

Sept. 2019 to Dec. 2019

- Created PowerBI visualizations to help doctors monitor trends in prescriptions of durable medical equipment (DME).
- Wrote DAX expressions to process raw data into PowerBI calculations.

### 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 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

### Amazon Web Services (AWS)

AWS Certified Cloud Practitioner

Feb. 2021

- Gained foundational knowledge and skills to demonstrate an understanding of the AWS Cloud.

### 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.
- Executed five projects that each required data collection, analysis, modeling, visualization, and presentation.

Machine Learning & Artificial Intelligence Principles 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.