

Professional Summary

Data Engineer with experience in:

- Building and maintaining optimal pipeline architecture
- Working with large and complex datasets
- Building infrastructure for optimal extraction, transformation and loading of data from various sources
- Building analytical tools that utilize pipeline, providing actionable insight into key business performance
- 5+ years in client facing roles

Technical Skills:

- | | |
|------------------|-------------------------|
| - Python | - HTML, CCS, JavaScript |
| - SQL | - Pandas |
| - PostgreSQL | - Tableau |
| - MySQL, SQLite | - D3.js |
| - MongoDB, NoSQL | - RESTful APIs |

Experience | Projects Deployed

MinTrak | Supply Chain Commodity Tracker

- Used SQL, PostgreSQL, SQLAlchemy, and Flask to deploy an API for locating mining operations with Mapbox and enabling team to access data for further analysis in Python and visualization in JavaScript.
- MinTrak's mission is to "accurately track the supply chain of strategic commodities from mine to market."

Mission to Mars | Web Scraping Application

- Used BeautifulSoup, Pandas, and Selenium/Splinter to scrape several websites related to NASA's mission to mars then used MongoDB with Flask templating to build data pipeline to display with custom HTML page
- Mission to Mars curates NASA's latest Mars news, fact tables, and different hemisphere images

Employee Database | Data Engineering in SQL with Analysis in Python

- Created data pipeline using SQL and PostgreSQL. Built custom table schema for data extraction from CSV. Loaded SQL database into Pandas for analysis and visualization in Python.
- Employee Database allowed me to query and visualize two decades of employee data using a histogram of common salary ranges for employees

6G Pipe Welder | Alta Refrigeration, Inc

- TIG welder on the Expert Piping Team
- Earned 3 certifications and promotion within the first 9 months of employment
- Recognized by management for character and work ethic

Education and Professional Development

Georgia Institute of Technology Data Science and Analytics Bootcamp | Atlanta, Georgia | 2021

- Certificate, Data Science and Analytics

Georgia State University, J. Mack Robinson College of Business | Atlanta, Georgia | 2013

- Bachelor of Business Administration, Hospitality
- Inside Linebacker for GSU Football from 2009-2013