

## Professional Summary

I'm a Welder turned Data Engineer. I enjoy optimizing data systems and building them from the ground up. I'm looking to join a collaborative data team that challenges itself to do excellent work and uses cutting edge data technologies and tactics.

### Technical Skills:

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

## Experience | Projects Deployed

### 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 create a new HTML page to display the data
- 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 SQL tables using PostgreSQL to import CSV files into the schema. Imported SQL database into Pandas for analysis and visualization
- Employee Database allowed me to query and visualize two decades of employee data using a histogram of common salary ranges for employees

### WeatherPy | Python Script to Visualize Weather Data for 500+ Cities

- Used a Citipy Python library and OpenWeatherMap API to create a representative model of weather across world cities using Python, Pandas, and Matplotlib
- WeatherPy uses Google Places API to the city and hotel for a dream vacation based on ideal weather conditions

### 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