

# JONNA PANDER | DATA SCIENCE

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I'm naturally inclined to analyze problems and come up with creative solutions. My career experience spans from Environmental Consulting to Information Solutions, and now Data Science.

## SKILLS

- Python
- SQL
- Seaborn, Numpy, Scikit-Learn
- Data Analysis & Visualization
- Machine Learning
- Deep Learning
- Regressions
- Databases (SSMS, FileMaker)
- Git
- Tableau

## PROJECTS

### Reddit Classification with NLP / API | NLP | Machine Learning

Scraped data from Reddit threads and built a binary classifier to identify which subreddit a given post originated from.

### Extracting Flood Depths From Images / Python | Deep Learning

Utilized VGG16 architecture and keras to estimate depth of flood water from images of hurricane floods.

### House Price Prediction / Python | Machine Learning

Used linear regression to estimate housing saleprice based on dataset with over 80 features.

## EXPERIENCE

**APRIL 2020 – JULY 2020, AUSTIN, TX**

**DATA SCIENCE FELLOW, GENERAL ASSEMBLY**

- Python, Data Cleaning/Exploration (Pandas, NumPy, SciPy), Machine Learning and Regression/Classification -based Modeling (Scikit-Learn, Statsmodels, Keras and TensorFlow), Webscraping/Data Mining (Requests, BeautifulSoup) and Visualization (Matplotlib, Seaborn)

**JULY 2015 – FEBRUARY 2020, AUSTIN, TX**

**ASSOCIATE CONSULTANT, BSI EHS SERVICES AND SOLUTIONS**

- Automated processing of chemical inventory data using SQL, SQL Server Management Studio, and FileMakerPro for expedited reporting of inventories for dozens of clients
- Led workshops with cross-functional teams for objectives such as rolling out a custom software configuration for streamlining the completion of daily construction safety checklists
- Created analytics reports and dashboards for insights into audits and inspections findings
- Interfaced with regulatory agencies to assist clients in compliance and permitting

**FEBRUARY 2011 – NOVEMBER 2014, AUSTIN, TX**

**ENVIRONMENTAL CONSULTANT, SPIRIT ENVIRONMENTAL, LLC**

- Determined calculation methodologies and prepared emissions calculations in Excel, process flow diagram drawings, site maps, regulatory reviews, and application forms for permitting sources of air emissions

## EDUCATION

**JULY 2020, AUSTIN, TX**

**DATA SCIENCE IMMERSIVE, GENERAL ASSEMBLY**

Three-month program focused on real-world applications of data science principles and best practices including, data acquisition, data cleaning and wrangling, predictive modeling, and visualization strategies.

**DECEMBER 2006, COLLEGE STATION, TX**

**BS RANGELAND ECOLOGY & MANAGEMENT, TEXAS A&M UNIVERSITY**

This degree program is now called Ecosystem Science & Management. Coursework was heavy in plant identification and environmental assessments.