Jenny Rhee

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Experience

Research Associate
Baton Rouge, LA

Louisiana State University — *June 2019 to present*

- Compiling data to build an econometric model to analyze the effects of driving forces on a variety of environmental impacts in the U.S. and Germany over the past two centuries

Data Analyst Intern
Lafayette, LA

Acadian Ambulance — *Aug 2018 to May 2019*

- Exploratory analysis (clustering, topic modeling) of rejected medical records to categorize and flag unbillable medical records earlier in order to reduce days to bill
- Analyzed the "virality" of medics with low medical documentation accuracy on their partners
- Time series analysis to forecast future number of billable calls for medic scheduling recommendations to operations managers
- Technologies used: Python, T-SQL, Microsoft SQL Server

Great Lakes Summer Fellow
Ann Arbor, MI

University of Michigan — *May 2018 to Aug 2018*

- Analyzed real-time data from 15 stations and buoys in the Great Lakes, their formats, and documentation
- Developed a data processing script to normalize historical time-series data into a database
- Designed and implemented a time-series database to manage historical and real-time streaming data from the Great Lakes
- Technologies used: Python, TimescaleDB

NSF REU Fellow
Dauphin Island, AL

Dauphin Island Sea Lab — *May 2017 to Aug 2017*

- Processed, sanitized, and compiled several years (2009-2012) of CTD data from 15 stations
- Calculated Model-I linear regressions and statistics to make conclusions about the Mobile Bay to shelf transect
- Technologies used: MATLAB, SeaBird SBE Data Processing, Excel

Skills

Languages	Python (NumPy, pandas, matplotlib, seaborn), SQL, Java, MATLAB
Tools	Git, Microsoft SQL Server, VS Code
Technical Skills	Machine learning (scikit-learn), NLP (NLTK), time series (statsmodels), experimental design, statistics

Education

Data Science Career Track, Certification
Online

Springboard — *July 2019 to present*

- 6 month intensive course in data analysis, data visualization, machine learning, hypothesis testing, Python, SQL, and Spark
- Estimated completion: November 2019

Bachelor of Science in Biology
Lafayette, LA

University of Louisiana at Lafayette — *May 2018*

Honors and Awards

2019	Strange Loop Opportunity Grant
2019	Southern Data Science Conference Diversity Scholarship
2018	CIGLR Great Lakes Summer Fellowship
2016-2018	Rockefeller Wildlife Scholarship
2017	1st place, DISL REU Poster Symposium
2017	NSF Research Experience for Undergraduates Fellowship