

Jenny Rhee

☎ (337) 794-4923 | ✉ jennyirhee@gmail.com | 🏠 jennyrhee.github.io | 🌐 jennyrhee | in jenny-rhee-84ab5576

Experience

Research Associate

LOUISIANA STATE UNIVERSITY

Baton Rouge, LA

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

ACADIAN AMBULANCE

Lafayette, LA

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

UNIVERSITY OF MICHIGAN

Ann Arbor, MI

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 SEA LAB

Dauphin Island, AL

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

Technical Skills machine learning (scikit-learn), NLP (NLTK, Gensim), time series (statsmodels)

Education

Data Science Career Track, Certification

SPRINGBOARD

Online

July 2019 to present

- 6 month intensive course in data science, machine learning, Python, SQL, and Spark
- Estimated completion: November 2019

Bachelor of Science in Biology

UNIVERSITY OF LOUISIANA AT LAFAYETTE

Lafayette, LA

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