JENNY RHEE

Lafayette, LA | 337-794-4923 | jennyirhee@gmail.com | jennyrhee.github.io | /jenny-rhee-84ab5576

EXPERIENCE

Data Science Career Track
Springboard
July 2019 – present

- 550+ hours of hands-on curriculum, with 1:1 industry expert mentor oversight, and completion of 2 in-depth capstone projects
- Mastering skills in Python, SQL, data analysis, data visualization, hypothesis testing, and machine learning

Estimated completion: November 2019

Research Associate
Louisiana State University
June 2019 – present | Baton Rouge, LA

- 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
Aug. 2018 – May 2019 | Lafayette, LA

- 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
May – Aug. 2018 | Ann Arbor, MI

- Developed a data processing script to normalize historical time series data from 15 stations and buoys in the Great Lakes (2015-2017; 196 million observations)
- Designed and implemented a time series database, TimescaleDB, to manage historical and real-time streaming data from the Great Lakes

Technologies used: Python, TimescaleDB

NSF REU Fellow
Dauphin Island Sea Lab
May – Aug. 2017 | Dauphin Island, AL

- 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
- Won 1st place in the REU poster symposium, awarding full funding to present research at Ocean Sciences Meeting in Portland, OR

Technologies used: MATLAB, SeaBird SBE Data Processing, Excel

SKILLS

Python | SQL | data cleaning | Git | machine learning | NLP | Excel | Java | MATLAB | time series

EDUCATION

Math and CS Coursework
University of Louisiana at Lafayette
Aug. – Dec. 2018 | Lafayette, LA

B.S. Biology
University of Louisiana at Lafayette
May 2018 | Lafayette, LA

HONORS & AWARDS

- Strange Loop Opportunity Grant
- Southern Data Science Conference Diversity Scholarship
- UM's CIGLR Great Lakes Summer Fellowship
- Rockefeller Wildlife Scholarship
- 1st place, Dauphin Island Sea Lab REU Poster Symposium
- NSF Research Experience for Undergraduates Fellowship
- Pinnacle Scholarship

PRESENTATIONS

Improving the management of real-time data in the Great Lakes (Oral)
Great Lakes Summer Fellows Symposium
Aug. 2018 | Ann Arbor, MI

Nutrient flux and physical stability drive phytoplankton biomass variability along the Alabama shelf (Poster)
Ocean Sciences Meeting
Feb. 2018 | Portland, OR

Nutrient flux and physical stability drive phytoplankton biomass variability along the Alabama shelf (Poster)
REU Poster Symposium
Aug. 2017 | Dauphin Island, AL