

RONG(JULIE) WANG

DATA SCIENCE - COMPUTER SCIENCE

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Data Scientist with a Mathematics & Economics background, experienced in SQL, Python, SAS, HTML, Machine Learning, Neural Networks and Statistics. Advanced knowledge in data mining

SKILLS

AWS Certified Cloud Practitioner | Python | Data Visualization | Statistics | Machine Learning | Neural Networks | Natural Language Processing | SQL | SAS(Certified Base Programmer) | R

PROJECTS

Medical Cabinet

[API](#) | [GitHub](#)

- Collected and evaluated various sources of data to create a more effective data set for a given target
- Developed a Flask API for serving cannabis strain recommendations
- Using language natural processing(NLP) with a KNN model to the Flask API

AirBnB Predictor

[API](#) | [GitHub](#)

- Deployed a Heroku API that, using XGBRegressor + RandomizedSearchCV, predicted an optimal pricing strategy for an AirBnB Berlin

Canopy Project

[API](#) | [GitHub](#)

- Developed an API in Amazon Services (AWS) that helps users to draw conclusions from various datasets
- Train a logistic regression on a set of embeddings of species texts to predict species threatened
- Draw visualizations to help users understand more visually about complex output for data science questions

PROFESSIONAL EXPERIENCE

Lambda School | Remote Data Scientist

October 2019 - present 2020

- Develop a solid foundation of descriptive and predictive statistics, including linear algebra, linear regression, hypothesis testing, storytelling with data and more
- Gained hands-on experience engaging with machine learning, doing projects by using supervised & unsupervised learning, natural language and neural networks
- Completed a deep dive into Data Engineering, working with databases, productization and big data
- Served as a data scientist on a ready to deploy project, working alongside UX designers, web developers, and mobile developers to bring the project to fruition.

IRP | University of Wisconsin in Madison, WI Research(SAS) Analyst

September 2010 - March 2012

- Worked within a team to conduct analysis on social science and policy related problems using econometrics methods and statistics techniques by using SQL, SAS Arrays, SAS Macros, PROC REG, PROC FREQ
- Cleaning, aggregating huge data, constructing new variables and analyzing data
- Joining multiple tables, sorting data, creating SQL views, creating indexes and metadata analysis using SQL

EDUCATION

University of Missouri in Columbia | Columbia, MO Master Degree in Economics

January 2007 - August 2010

- Graduate program in Econometrics and Statistics

Wuyi University | Guangdong, China Bachelor Degree in Mathematics

September 1997 - July 2001