FRANCES LIN

🖥 EXPERIENCE

2020 | Current

Teaching Assistant
Oregon State University　　　　　　　📍 Corvallis, OR
- Assist in in-class activities, hold office hours, grade and provide feedback on exams and assignments and/or lead R programming lab activities for courses such as Statistics for Engineers, Statistical Methods

2021 | Current

Statistical Consultant
Oregon State University　　　　　　　📍 Corvallis, OR
- Consulted on a Fisheries & Wildlife MS project involving hierarchical modeling of bat species occurrence in OR
- Co-consulted on a Kinesiology PhD project involving meta-survey analysis of APA and APE program quality in US universities

2018

Data Analyst
Everyone For Veterans　　　　　　　📍 Seattle, WA

2017

Independent Researcher
National Taiwan Normal University　　📍 Taipei, Taiwan

2014 | 2016

Branding Strategist
Roman Catholics Diocese of Taichung　📍 Taichung, Taiwan

🎓 EDUCATION

2021 | Current

Oregon State University
PhD in Statistics　　　　　　　　　📍 Corvallis, OR

Activities and Societies: American Statistical Association (ASA)

2019 | 2021

Oregon State University
MS in Statistics　　　　　　　　　　📍 Corvallis, OR

Project Title: Prequel to Hawkes Processes: An Overview of Spatial, Temporal and Spatio-Temporal Point Processes and Some Simulations

Other Projects: Big Data Analysis of NYC TLC Trip Records, EM Algorithm for GMMs, Multinomial GLMs for Brain Injury Recovery Stages, Auto Insurance Claim Prediction of Porto Seguro, Regression Models for U.S. Census, VAR Model for Stock Prices, Inference, Classification, and Clustering for Red vs. White Wine

Activities and Societies: American Statistical Association (ASA)

2014

University of Washington
BS in Earth and Space Sciences　　　📍 Seattle, WA

CONTACT INFO

- ✉ linyuchu@oregonstate.edu
- 📞 206-849-7556
- in linkedin.com/in/franceslinyc/
- ⌗ github.com/franceslinyc

SKILLS

Experience in statistical modeling, optimization methods, data analysis

Skilled in R, Python, GitHub

Experience working with large (~ 35.26 GB) dataset using GCP (Google Cloud Platform) services, PySpark/Apache Spark

COURSEWORK

Relevant coursework in
- statistical methods,
- statistical/machine learning,
- generalized linear models,
- simulation methods,
- big data,
- time series,
- multivariate analysis,
- data visualization