

# FRANCES LIN



## EDUCATION

- 2021  
|  
Current
- **Oregon State University**  
PhD in Statistics  
Corvallis, OR
  - **Oregon State University**  
MS in Statistics  
Corvallis, OR
- 2019  
|  
2021
- 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
- 2014
- **University of Washington**  
BS in Earth and Space Sciences  
Seattle, WA



## PROFESSIONAL EXPERIENCE

- 2020  
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Current
- **Graduate Teaching Assistant**  
Oregon State University  
Corvallis, OR
    - Assist in in-class activities, hold office hours, grade and provide feedback on exams and assignments for ST 314 x2, ST 314D (Intro to Statistics for Engineers), ST 351, ST 351D (Intro To Statistical Methods)
    - Lead R programming lab activities for ST 351 (Intro To Statistical Methods)
- 2021  
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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

## CONTACT INFO

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[github.com/franceslinyc](https://github.com/franceslinyc)

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Looking for relevant statistics  
and/or data science opportunities

## SKILLS

Experienced in statistical models,  
optimization methods, data  
analysis

Skilled in R, Python, GitHub

Experience with big (~ 35.26 GB)  
data using Google Cloud Platform  
(GCP) services, PySpark/Apache  
Spark

## COURSEWORK

*statistical methods, statistical  
machine learning, multivariate  
analysis, time series, big data,  
linear models, generalized linear  
models, experimental designs,  
simulation methods, theory of  
statistics I, II, III, advanced theory  
of statistics I, II, sampling methods,  
data visualization*

*This resume was made with the R  
package **pagedown**.*

*Last updated on 2021-06-27.*