

## EDUCATION

### Oregon State University, Corvallis

Sep 2019 – Present

MS, Statistics, Coursework: *Probability and Mathematical Statistics I, II*

### Colorado State University, Fort Collins

Jan 2019 – May 2019

MAS, Applied Statistics, Coursework: *Data Visualization Methods, Quantitative Reasoning, Design and Data Analysis II, and Linear Algebra I*

### University of Washington, Seattle

2016 – 2018

Post-bac, Mathematics, Coursework: *Real Analysis I, Mathematical Reasoning, Linear Algebra, Multivariable Calculus, and Computer Programming I*

### University of Washington, Seattle

2009 – 2014

B.S., Earth and Space Sciences, Graduation: March 2014

## RELEVANT EXPERIENCE

### Data Analyst, Everyone For Veterans, Seattle, WA

Jan 2018 – Dec 2018

- Generated reports and dashboards for key marketing and fundraising metrics and evaluations by integrating and analyzing data from a variety of web analytics sites

### Independent Researcher, National Taiwan Normal University, Taipei, Taiwan Science Education Center

Sep 2017 – Jun 2018

- Conducted an independent project on Monte Carlo outlier detection test using SAS under Professor Yin-Jung Chang's supervision

## PROJECTS

### Regression Analysis of Education Data in R, CSU

Mar 2019 – May 2019

- Implemented a locally estimated scatterplot smoothing (LOESS) model and an analysis of covariance (ANCOVA) model to explore the relationship between state standardized tests and several related variables in R

### Regression Analysis of Environment Data in R, CSU

Jan 2019 – May 2019

- Implemented a log-log multiple linear regression model with interaction terms and a log-log one-variable polynomial regression model to explore the relationship between CO2 per capita and several related variables and to test the environmental Kuznets curve (EKC) in R

## LEADERSHIP AND ACTIVITIES

### Volunteer, Huntington Research, Seattle, WA

Apr 2014

- Led Q&A session for minority K-12 students and assisted a student with mobility disability for the Science, Technology, Engineering and Mathematics (STEM) Lab Field Trip Program

**Activities:** Indoor Volleyball Training Program at Taiwan Volleyball Association ('17-'18), Beach Volleyball Training Program at Alki Beach Park and Sandbox Sports ('13-'14), Ladies 2's and Coed 2's Leagues at East Beach Volleyball Center ('12-'13), UW Sand Volleyball Club ('12), UW Women's Club Volleyball ('10-'12)

## SKILLS AND INTERESTS

**Technologies:** R (base R, dplyr, ggplot2), Python, and ArcGIS; LaTeX; Google Analytics and Facebook Insights; Adobe Creative Suite

**Language:** Proficiency in English and Mandarin; basic French

**Interests:** Spatial statistics, environmental statistics, machine learning, environmental monitoring, resource management, impact assessment, data analysis, data visualization, beach volleyball, skiing, and travel