

EDUCATION

Oregon State University, Corvallis MS, Statistics, Coursework: <i>Probability and Mathematical Statistics I, II</i>	Sep 2019 – Present
Colorado State University, Fort Collins MAS, Applied Statistics, Coursework: <i>Data Visualization Methods, Quantitative Reasoning, Design and Data Analysis II, and Linear Algebra I</i>	Jan 2019 – May 2019
University of Washington, Seattle Post-bac, Mathematics, Coursework: <i>Real Analysis I, Mathematical Reasoning, Linear Algebra, Multivariable Calculus, and Computer Programming I</i>	2016 – 2018
University of Washington, Seattle B.S., Earth and Space Sciences, Graduation: March 2014	2009 – 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	Sept 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