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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, 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

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 CO_2 per capita and several related variables and to test the environmental Kuznets curve (EKC) in R

OTHER EXPERIENCE

Nonprofit Branding, Marketing, and Marketing Research   2014 – 2018

LEADERSHIP AND ACTIVITIES

Volunteer, Huntington Research, Seattle, WA   Apr 2014
- Led Q&A session for minority K-12 students 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, data analysis, data visualization, beach volleyball, skiing, and travel