

EDUCATION

Johns Hopkins University	Baltimore, MD
Master, Biostatistics, Current	Current
Washington University in St. Louis	St. Louis, MO
Bachelor, Mathematics Major & Computer Science Minor, GPA 3.89/4.0	August 2018 - May 2020
<ul style="list-style-type: none"> Cum Laude Dean's List 	
East China University of Science and Technology	Shanghai, China
Mechanical Engineering Major, GPA 3.7/4.0	Sep 2016 - June 2018
<ul style="list-style-type: none"> China National Scholarship Highest Academical Scholarship of Each China University of Science and Technology 	
University of California in Berkeley, Summer Institute	Berkeley, CA
	June – August 2017

TECHNICAL SKILLS

- Computer languages: R, Python, Java, HTML, CSS, JavaScript, Latex, MATLAB
- Computer programs: SolidWorks, Auto CAD, Microsoft Office, Wind, Amazon AWS
- Other: Web Design, Collecting data from APIs, Photography

EXPERIENCE AND RESEARCH

Research Assistant, Respiratory Failure Prediction	Remote
Advisor: Dr. Andrew Michelson, Washington University in St. Louis, Institute for Informatics	July 2020 - Present
<ul style="list-style-type: none"> Worked with lab teams to clean dataset of COVID-19 patients and create a cohort table with 207 features and vital signs Modeled with Lasso and Logistic regression to predict respiratory failure probability of COVID-19 tested patients 	
Researcher, Bootstrap Method Research	St. Louis, MO
Advisor: Dr. Todd Kuffner, Washington University in St. Louis	May 2019 - May 2020
<ul style="list-style-type: none"> Independently investigated the properties of the bootstrap method in R and visualized its resampling process Evaluated a new method to smooth data density curve and focused on finding an optimal bandwidth 	St. Louis, MO
Registrant, Workshop on Higher-Order Asymptotics and Post-Selection Inference	August 17 - 19 2019
<ul style="list-style-type: none"> Attended in 37 presentations of the latest development in post-selection inference and discussions of how tools from higher-order asymptotics can both elucidate important properties of post-selection inference procedures 	
Data Analyst Intern, Shanxi Securities Research Department	Shanxi, China
Mentor: Rui Guo, Shanxi Securities Research Department	June 20 - July 20 2019
<ul style="list-style-type: none"> Analyzed one month's data from Wind Database to assess current securities market conditions Worked with lab team to predicted the trend of the security market and found a data analysis procedure to provide more comprehensive reports 	

LEADERSHIP AND COMMUNITY INVOLVEMENT

Founder, China EYE Public Welfare	Shanxi, China
<ul style="list-style-type: none"> Founded an NGO with more than 50 people and raised a donation online while holding charity book fairs in schools and parks Went to middle schools in impoverished areas and donated 100 brand new desks with many other teaching equipment 	June 2016 – Present

HONORS AND CERTIFICATIONS

- Teaching Assistant for CSE417T Introduction to Machine Learning (February 2020)
- Presentation in Undergraduate Research Symposium (November 2019)
- Summer Undergraduate Research Award (Summer 2019)
- Math tutor of Washington University in St. Louis Arts & Science school (August 2019)
- Outstanding Student Leaders of East China University of Science and Technology (June 2018)
- First prize in the 7th Advanced Graphing Technology and Innovation Design Competition (June 2017)
- Professional Certification of Auto CAD Graphing
- Patent—Multifunctional Shared Printer [201821510016.7]; Patent—Portable Shared Printer [201821494888.9]