

# Anqi Zhao

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## Education

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<b>North Carolina State University</b> , Raleigh, Ph.D. candidate in Statistics	2024-present
<ul style="list-style-type: none"><li>• Advisor: Jungeum Kim</li><li>• Membership at <math>\mu\sigma\rho</math> (Mu Sigma Rho): The National Statistics Honorary Society</li></ul>	
<b>University of Washington</b> , Seattle, M.S. degree in Statistics.	2022-2024
<ul style="list-style-type: none"><li>• GPA: 3.96/4.0</li></ul>	
<b>University of California, Irvine</b> , B.A. degree in Quantitative Economics, minor in Statistics	2019-2022
<ul style="list-style-type: none"><li>• GPA: 3.976/4.0 with the Latin Honors designation of Magna Cum Laude</li><li>• Dean's honor list for a continuous 8 quarters</li></ul>	

## ACADEMIC EMPLOYEE/ MENTORING EXPERIENCE:

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<b>Hybrid Instructor, ST 311</b> , NCSU – Raleigh, NC	Fall 2025
<ul style="list-style-type: none"><li>• Taught elementary probability and foundational statistical inference, including confidence intervals and hypothesis testing.</li><li>• Responsible for holding in-person class sessions and office hours.</li></ul>	
<b>Teaching Assistant, ST 542</b> , NCSU – Raleigh, NC	Summer 2025
<ul style="list-style-type: none"><li>• The class provides a discussion-based introduction to statistical practice, geared towards students in the final semester of their Master of Statistics degree.</li></ul>	
<b>Mentor, ASA DataFest 2025</b> , NCSU – Raleigh, NC	March 28-March 30, 2025
<ul style="list-style-type: none"><li>• ASA DataFest is a yearly event hosted in collaboration with the American Statistical Association (ASA).</li><li>• Guided undergraduate teams in data mining and exploratory data analysis of complex, real-world datasets.</li><li>• Led a workshop on statistical learning and data-driven discovery to help participants efficiently explore large-scale data.</li></ul>	
<b>Teaching Assistant, ST512</b> , NCSU – Raleigh, NC	Fall 2024
<ul style="list-style-type: none"><li>• Class about experimental statistics for researchers.</li></ul>	
<b>Mentor, ASA DataFest 2023</b> , UW – Seattle, WA	March 31-April 2, 2023
<ul style="list-style-type: none"><li>• Provided guidance on data analysis queries.</li><li>• Explored the data and offered tailored advice to enhance students' research approaches.</li></ul>	
<b>Grader/Reader, Stat 342 &amp; 340 &amp; 394 &amp; 341</b> , UW – Seattle, WA	Spring 2023-Spring 2024
<ul style="list-style-type: none"><li>• Class about probability and mathematical statistics.</li></ul>	
<b>Grader/Reader, Econ 431A</b> , UW – Seattle, WA	Fall 2022
<ul style="list-style-type: none"><li>• Class about the economic effects of various governmental regulatory agencies and policies.</li><li>• Position requires adequate knowledge and good writing skills in Industrial Organization and Antitrust legislation concepts and cases.</li></ul>	

## COMPLETED MAJOR-RELATED COURSES:

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### Statistics:

- Machine Learning for Big Data (Python), Causal Modeling, Statistical learning (Python), Non-parametric Regression and Classification (R), Advanced Statistical Inference, Advanced Regression Methods (R), Statistical Methods (SAS), Statistical Computing (R & C++), Experimental Design, Concentration inequalities

and High-dimensional Statistics, Stochastic Modeling of Scientific Data

**Mathematics:**

- Linear algebra, Mathematical (Real) Analysis, Multivariable Calculus, Mathematics of Finance

**Economics/ Quantitative Economics:**

- **Econometrics**, Intermediate Quantitative Economics (Microeconomics & Macroeconomics), Industrial Organization, Economics of Asymmetric Information, Managerial Economics

**EXTRA SKILLS & QUALIFICATIONS**

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Skilled in R, Python, and SAS for statistical programming, data mining, and machine learning.

Proficient in Microsoft Office Suite and L<sup>A</sup>T<sub>E</sub>X for research report writing and presentations.

Bilingual in Mandarin and English with full professional proficiency in both written and spoken communication.