

Nicholas Wong

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EDUCATION

University of Illinois Urbana - Champaign, College of Liberal Arts and Sciences

August 2021 - May 2025

Bachelor of Science in Statistics

GPA: 3.52 / 4.00

Academic Achievements: Dean's List (Spring 2022, Fall 2023)

Relevant Coursework: Data Management in the Cloud, Ethics and Policy for Data Science, Modeling and Learning in Data Science

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, R, Rust, SAS, SQL

RESEARCH EXPERIENCE

Illinois Mathematics Lab

January 2025 – May 2025

Member

- Collaborated with Professor Igor Mineyev and a team of 7 (5 undergraduates, 2 graduates) to enhance the ColorTaiko! game functionality
- Optimized browser performance and integrated multilevel designs tied to Kaplansky conjectures

Blackwell Summer Scholars Program

June 2024 – August 2024

Scholar

- Conducted a research project with an undergraduate on Zillow Housing Cost Prediction under the guidance of Professor Hyoeun Lee
- Applied Data Science, Mathematics, and Statistics to advance knowledge in housing cost prediction

WORK EXPERIENCE

Statistical Computing – STAT 428

January 2025 – May 2025

Course Assistant

- Evaluated exams and biweekly homework for 60 students on Gradescope, graded half of the submissions
- Coordinated with the TA to ensure consistent, rubric-based grading

Statistical Modeling I – STAT 425

August 2023 – May 2025

Course Assistant

- Graded 12 weekly assignments and 2 exams for accuracy and adherence to rubrics
- Proctored exams and moderated discussion forums to address student inquiries

Discrete Structures – CS 173

January 2025 – May 2025

Course Assistant

- Facilitating group work during classes
- Provided patient, tailored tutoring during office hours for students needing additional support

Statistical Programming Methods – STAT 385

August 2024 – December 2024

Course Assistant

- Oversaw proctoring of 2 virtual exams, including conflict/makeups
- Graded final projects focusing on Shiny app development

Advanced Data Analysis – STAT 448

January 2024 – May 2024

Course Assistant

- Assessed 7 homework assignments and quizzes, ensuring timely feedback
- Actively participated in online discussions to address students' questions and track their participation

Basics of Statistical Learning – STAT 432

January 2024 – May 2024

Course Assistant

- Graded 10 homework assignments and a final project; supported proctoring for 2 quizzes
- Engaged in Canvas discussions to clarify concepts for students

Applied Technologies for Learning in the Arts and Sciences - ATLAS

August 2023 – May 2024

AI Research Intern

- Developed a full-stack web application using OpenAI's ChatGPT 3.5 to generate 3 "spotlight" paragraphs per query
- Fine-tuned a large language model with LLaMA's open-source platform which leveraged 1,000+ real and synthetic datasets

Data Science Discovery – STAT 107

August 2022 – December 2022

Course Assistant

- Supported weekly lab sessions for around 600 students, drafted lab solutions and assisted during office hours
- Provided additional exam-week support to enhance student understanding