

# Nicholas Wong

224-817-7751 | [nwong66238@gmail.com](mailto:nwong66238@gmail.com) | [thewonglife.is-a.dev](http://thewonglife.is-a.dev)

## EDUCATION

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

August 2021 - May 2025

Bachelor of Science in Statistics

GPA: 3.45 / 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