

Connor McNeill

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Raleigh, NC

Education

North Carolina State University
PhD in Statistics

Raleigh, NC
Expected: May 2028

The Ohio State University
Bachelor of Science with Honors, major in Statistics
Minor in Computer Science

Columbus, OH
Completed: May 2023
Cumulative GPA: 3.931

Research Experience

Summer Institute for Training in Biostatistics

North Carolina State University/Duke University

Raleigh, NC
June 2022 – July 2022

- Learned the principles of applied biostatistics from recognized experts in the field
- Met practicing biostatisticians and physicians engaged in medical research and learned about their research in statistics and biostatistics
- Participated in field trips to organizations and companies in the Triangle area (Rho, Inc. and SAS Institute) that employ statisticians and learn first-hand about what they do
- Gained hands-on experience working with actual data collected in an internationally recognized study as part of a final research hackathon-style project and lab assignments
- Developed and evaluated risk prediction models for recurrent myocardial infarction
- Learned about opportunities for graduate study and additional training
- Built relationships with fellow cohort members and graduate student mentors

ASA DataFest

Participant, Best Visualization Award Winner

Columbus, OH
April 2022

- Worked with a group of students to conduct an analysis of a large, complicated dataset studying the impact of playing a video game designed to decrease risky teenage behavior
- Cleaned the large dataset using the `tidyverse` package and handled missing data
- Performed exploratory data analysis by preparing summaries and `ggplot` visualizations (for which my team won the best visualization award)
- Prepared a short video presentation about our analysis for panel of judges
- Connected with faculty, graduate students, and industry professional mentors

Teaching Experience

Department of Computer Science & Engineering

Undergraduate Grader, Introduction to Database Systems

Columbus, OH
January 2022 – May 2023

- Effectively, accurately, and fairly graded homework assignments and project checkpoints
- Assisted students with homework assignments and course content through office hours
- Met with student project groups and guide them through the semester-long project
- Communicated effectively with instructor about grading and project progress
- Maintained course gradebook on Canvas site for all students

Undergraduate Grader, Data Structures Using Java

January 2021 – February 2022

- Effectively, accurately, and fairly graded weekly lab and project assignments
- Assisted students with project and lab assignments through office hours
- Communicated effectively with other graders, graduate TAs, and instructor
- Maintained course gradebook on Canvas site for students in lab section

Work Experience

Club Swimming at Ohio State

Columbus, OH

Meet Coordinator

April 2021 – April 2023

- Organized, advertised, and ran annual fall and spring invitationals with several visiting schools and several hundreds of athletes
- Organized, planned, and ran 2023 College Club Swimming National Championship Meet with 1800 athletes from 121 clubs held in March – April 2023
- Kept track of times throughout the season for personal bests and nationals qualifications
- Planned and organized travel for three away meets per semester
- Served as member of officer board and as a leader on the team
- Previously served as Risk Manager (April 2020-2021)

Ohio State Recreational Sports

Columbus, OH

Swim Lessons Coordinator & Safety Instructor

August 2019 – April 2023

- Supervised and scheduled staff of 15 swim instructors
- Oversaw lessons program with 200 participants
- Assisted parents & participants with questions as needed
- Ensured proper coverage of all lessons with instructor-student ratios
- Lead monthly lifeguarding staff in-services and biannual swim instructor trainings
- Planned and taught American Red Cross CPR and Lifeguarding courses

Service

Arts & Sciences Honors Program

Columbus, OH

Peer Mentor

May 2020 – April 2023

- Mentored first-semester students in the Arts & Sciences Honors Program
- Assisted with instruction of ASC Honors Freshmen Survey Course
- Prepared and presented a presentation about transitioning to college
- Attended weekly training sessions on campus resources and leadership training
- Hosted annual peer mentor event to build connections with first-semester students
- Served as lead mentor during Autumn 2022 to oversee other mentors in course section
- Assisted survey coordinator with various tasks as part of internship in Autumn 2020

Skills

Software: Canvas LMS, Microsoft Office Suite

Programming: R, SAS, SQL, Java, LaTeX, JMP, C

Awards & Honors

Dean's List – 7 Terms

Maximus Scholarship – 8 Terms