

# Connor McNeill

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Raleigh, NC

## Education

### **The Ohio State University**

Bachelor of Science with Honors, major in Statistics  
Minor in Computer Science

Columbus, OH  
Graduated : 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