

COLLIN DOUGHERTY

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Academic Information:

University of Nebraska-Lincoln, Class of 2022

Bachelor of Science in Arts and Sciences

Majors: Mathematics, Psychology

Minors: Statistics

GPA: 3.95/4.00

ACT Score: 35 (36 superscored)

SAT Score: 1590 (800 math)

Honors/Awards:

Chancellor's Scholarship

Awarded to National Merit Finalists attending UNL

Eastman Scholarship

Awarded to top UNL mathematics majors

TOYO! Teen 2018

Recognized as one of 10 outstanding young Omaha teens

Big Red Scholar

Honored as top 1% of UNL freshmen in 2018-19

Craig Dickinson Memorial

National scholarship for top academic homeschooler

US Presidential Scholar Nominee

Top 1% of seniors invited to apply for Presidential Scholar

National Merit Scholar

Winner of National Merit Scholarship Competition (Top 1%)

National AP Scholar

Highest award for performance on AP exams

American Citizenship Award

Recognizes students possessing strong character and leadership

President's Award for Educational Excellence

Awarded to top high-schoolers based on national exams and GPA

UNL Honors Program and Scholarship

Scholar in good standing, recipient of book scholarship

UNL College of Arts & Science's Deans List

Fall Semester 2018, Spring 2019, Fall 2019

Leadership/Volunteer/Work Experience:

Barna Group Research Intern (June 2021-Present)

Barna Group is widely considered to be a leading research organization focused on the intersection of faith and culture. Working in the research department, I get the opportunity to seek the story behind the data. Through the usage of data analysis skills and methodologies, I work to understand data collected from around the world. In addition to analysis, I work to plan study methodologies, write surveys, and work with clients and the Church to provide knowledge to navigate a changing world.

Resident Assistant (RA) at University of Nebraska-Lincoln (Fall 2019-Present)

Resident Assistant in Knoll Residential Center, role entails **community building**, event **planning**, **enforcing** housing policy and integrating the Honors program with housing. Also involves acting as a **role-model**, providing emotional **support**, and connecting residents with campus resources.

Accomplishments:

UNL Resident Assistant of the Month (October 2019), UNL Student Staff Member of the Month (October 2020), 3 Time Nominee for RA/Student Staff of the Month

University of Nebraska-Lincoln Sports Analytics Department Student Volunteer/Intern (Summer 2019, Spring 2021)

Summer 2019 - Worked to **collect** and **analyze data** for volleyball team, baseball team, and men's and women's tennis teams for the University of Nebraska. Part of the sports analytics department, role involved **manual collection of data**, determining **creative** ways to **obtain data**, and **automating data collection**. Additionally, the role involved extensive **analysis of data**, using software **R** and **Excel**. Required creative applications of **data analysis skills** to **interpret** and analyze available data. Project completion resulted in **predictions** and recommendations for change of current player assessments and development process.

Spring 2021 - Worked with the softball program to **collect** and **analyze data** for the softball team at the University of Nebraska. As a part of the Sports Analytics Department, the role involved **manual collection of**

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live game data and **analysis** of collected data, including pitch and batted ball tracking. Working directly with the coaching staff, this data enabled better **predictions of opponent tendencies** in live game situations, as well as assessment of team and player strengths and weaknesses.

Accomplishments:

Nebraska Baseball Skill Analysis and Prediction Project – involved analyzing player performance to predict future results, enabling coaches to better evaluate available talent when determining playing time

Other Activities:

Independent Sports Analytics **Research** (2016-Present)

In Depth Reading and Research on mathematical and statistical analysis techniques with application primarily in the areas of college football and MLB through the utilization of statistical software such as R and Excel

Content Creator and Editor at The Football Forecaster: collindougherty.github.io/thefootballforecaster

Math/Statistics Independent **Research** (2014-2018)

In Depth Reading and Research with Statistical Programs in the Areas of Math, Statistics, Climatology, and Atmospheric Sciences

Skills:

Relationship Building

Leadership

Critical Thinking

Poise

Verbal/Written Communication

Clifton Strengths:

Achiever

Futuristic

Restorative

Belief

Includer

Software Experience:

Matlab

R

LaTeX

Excel

Microsoft Suite