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, University Honors
Minors:	Statistics, National Security Studies
GPA:	3.94/4.00
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:
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.
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> **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.
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> 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 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.
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> **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

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:	Clifton Strengths:	Software Experience:
Relationship Building	Achiever	Matlab
Leadership	Futuristic	R
Critical Thinking	Restorative	LaTex
Poise	Belief	Excel
Verbal/Written Communication	Includer	Microsoft Suite

Relevant Coursework:

Mathematics: AP Calculus 1; AP Calculus 2; Calculus 3; Honors Differential Equations; Linear Algebra; Introduction to Modern Algebra; Elementary Analysis; Mathematics in the City

Statistics: Statistics and Applications; Intro to Mathematical Statistics 1; Introduction to Mathematical Statistics 2; Introduction to Linear Regression