

JACOB F. DARER

“COBY”

919-449-4098
COBYDARER@GMAIL.COM
8908 OXBRIDGE CT
RALEIGH, NORTH CAROLINA

OBJECTIVE

To obtain a data analytics position that utilizes my mathematical and analytical skills to contribute to data-driven decision making.

EDUCATION

Appalachian State University, Boone NC

Bachelor of Science expected May 2026

Mathematics major with a concentration in general math; Statistics minor; Sports Analytics Certificate

Overall GPA: 3.98

Academic Achievements:

- Chancellor's List (3.85 or higher) 7 of 7 semesters
- 4.0 GPA in major and minor classes

Other Education

Certificate, August 2025 – Python Basics for Data Science, IBM

Relevant Course Work:

Intro to Data Management and Visualization Fall 2024

Used R throughout the semester to visualize and present data. For final project, used R to create graphs of NHL data over a ten-year span.

Intro to Statistical Modeling Spring 2025

Used various statistical models including linear regression and regression trees. Also utilized hypothesis testing and cross-validation techniques.

Intro to Modeling and Analysis in Sports Fall 2025

Applied various models and statistical technique to sports specific data.

WORK EXPERIENCE

Summer 2025

Internship with Prep Baseball Report, Kansas City

Collecting data from baseball tournaments utilizing Trackman, reporting relevant statistics about players and teams, and assisting the Prep Baseball scouting staff.

Spring 2025

Internship with ASU Baseball Team

Collecting data from the App State baseball team's practices and games, learning and utilizing Trackman and R.

2023 - Current

ASU Outdoor Programs

Work at and manage the rock-climbing wall at the student recreation center.

2021 – 2024

Sunset Slush

Independently responsible for operating an Italian ice cart at seasonal events, including managing money and serving customers.

INTERESTS / ACTIVITIES

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| • Played competitive hockey (2009-2022) | • Member of the App State climbing team (2022-present) |
| • Play recreational hockey (2022-present) | • Chess club (2018-present) |
| • Member of Triangle Rock Club competitive climbing team (2017-2022) | • Outdoor activities and travel |

SKILLS

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|--|-------------------------------------|
| • Proficient in Microsoft Word, Excel, PowerPoint | • Proficient with Trackman software |
| • Proficient in the programming languages R and Python | • Lead/Top Rope certified |
| | • CPR/First Aid certified |