

Devon Stein
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Education

University of Michigan — Ann Arbor, MI: BA in Computer Science and Minor in Applied Statistics Candidate (*degree in May 2023*)

University of South Carolina's Honors College - Columbia, SC: Majored in Statistics with a Minor in Economics (transferred to Michigan after Sophomore year)

Relevant Coursework: Website Development; Statistical Methods II; Probability; Microeconomics; Big Data Analytics; Programing and Data Structures

Coding Languages: SQL, R, Python, SAS, C++, Tableau

Academic Project

[2022 SSAC Hackathon presented by ESPN and the NHL](#)

- I was given a motion tracking data set, and developed an algorithm in order to measure the effect of increased offensive pressure in terms of goal scoring opportunities by looking at the quality of shot attempts based off of zone time.
- Presented my findings to a panel of experts using graphical displays created in **Tableau** as well as my own statistical analysis.

Work Experience

Research Assistant

UM School of Public Health

**Ann Arbor, MI
August 2020 - Present:**

- Work directly with publicly available **secondary data**
- Create datasets, **visualizations**, reports and other items for Dr. Nguyen's team to describe secondary data in clear and concise manners.
- Learn new programming tools and **database querying skills** on the fly, in order to better retrieve data.

Referee

USA Hockey

**Ann Arbor, MI
October 2019 - Present:**

- Apply rules and **effectively communicate** decisions to coaches and players
- Maintain a level head and calm mind in **stressful situations**.
- Act **quickly and decisively** to keep the game moving.

Data Team Member

Michigan Baseball

**Ann Arbor, MI
December 2022- May 2022:**

- Maintain and build upon the team database and website. Improve user interface and better **organize available data**
- Introduce innovative ideas to team analytics. Such ideas included a better system for quantifying an at bat, and helping position fielders based on the in game situation.