

Shane Hauck

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Education

St. Lawrence University, Canton, NY

May 2023

Bachelor of Science: Data Science / Sport Studies & Exercise Science

3.3/4.0 GPA

- University Scholarship for academic excellence, extracurricular achievements, character, and citizenship.
- St Lawrence University Dean's List Summer 2021 & Spring 2022.

South Kent School, South Kent, CT

May 2019

- Recipient of South Kent School Call to Adventure award (2019).

Work Experience

St Lawrence University Hockey Program

Canton, NY

Graphic Designer / Broadcast Control Room Technician

Nov 2019 - Present

- Designed graphics to be displayed on Appleton Arena big screen during NCAA Division 1 men's and women's hockey games.
- Generated statistical graphics using Expression to be displayed on ESPN+ live streams of NCAA Division 1 men's and women's hockey games.

Stew Leonards Wine Store

Danbury, CT

Data Entry

Jan 2021 - Present

- Compiled counts of the store inventory and input the data into various Excel sheets.
- Reviewed data is used by management to help determine the company's overall revenue and attempt to predict future demand.

Academic Projects

- Took part in Stathletes 2022 Big Data Cup where tracking and play-by-play data from the women's hockey games during the 2022 Beijing Olympics was examined to develop a strategical analysis of defensive shape and offensive possession tactics.
- Designed a Shiny application operating R allowing users to visualize and compare advanced player statistics from the English Premier League.
- Conducted a group research project operating with R to focus on analyzing how being a student-athlete affects a student's mental health. Created multilevel models predicting the mental and physical health of students.
- Analyzed using R a dataset featuring all NFL teams from 2000 - 2019 to determine the best teams of all time based on a number of variables and split into several categories.
- Generated a research project using R denoting the rise of Spotify and the effect streaming music has had on the music industry.
- Developed a K Nearest Neighbor model in R to anticipate the genre accuracy of songs formulated on a set of given variables based on a dataset of Spotify songs.
- Created a model using linear regression in R to predict winners of NBA Playoff games based on self-gathered sports betting data.

Co-curricular Activities

- Soccer: Currently a captain of NCAA Division 3 college varsity soccer for St Lawrence University (2019-present). Was varsity captain for South Kent School Soccer Program (2017-2019).
- Social Media Manager: Design graphics using Adobe Photoshop and manage St Lawrence University Men's Soccer Instagram page (@stlawsoccer) (2021 - present).
- Film Editing: Produce soccer highlight videos using Adobe Premiere Pro (2018-present).

Technology Skills

- Programming Languages: Python | JAVA | R | Maple
- Technical: GitHub | Microsoft Office Suite (Excel, Word, PowerPoint) | Expression
- Photography & Film Editing: Adobe Photoshop | Adobe Premier Pro