**Jonah Zembower**

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**Objective**

Seeking a position in Data Science where I can leverage my meticulous attention to detail, robust analytical capabilities, and strong problem-solving skills. I aim to collaborate effectively with teams to devise innovative solutions to complex challenges.

**Education**

Seton Hill University, Greensburg, PA

***Bachelor of Science in Data Science – Computational Analysis***, May 2025 (GPA 3.63)

***Bachelor of Science in Exercise Science – Health & Fitness Track***, May 2025 (GPA 3.95)

**Overall GPA:** 3.81/4.0

**Honor’s:**

***Dean’s List,*** 5 semesters

***Recipient,*** Data Science Achievement Award x2

**Skills**

**Technology:** Microsoft Office, Excel, PowerPoint, Python, R Studio, Visual Studio, DBMS Software, Jupytr Notebook, Tableau, Power BI, Orange, and HTML/CSS

**Research:** A study being presented at the MARC ACSM conference of Fall 2024. This study entails the effects of soccer positions on the heart rate of the DII men’s soccer athletes. Fellow researchers Dr. Brian Larouere, Dr. Jared Burns, and I are assessing positional differences in conjunction with baseline measurement differences.

**Related Coursework**

* Advanced Data Science
* Linear Algebra
* Applied Statistics and Modeling
* Mathematical Modeling
* Calculus I-IV
* Machine Learning
* Database Management Systems
* Probability and Statistics I and II
* Graph Theory
* General Physics I

**Relevant Course Project(s)**

***Applied Statistics and Modeling***, Spring 2024

* This included performing time series analysis on various datasets using ARIMA modeling techniques.

***Advanced Data Science,*** Spring 2024

* This project was looking at various clustering techniques used to perform customer segmentation, and what advertising techniques would be effective for these clusters.

***Mathematical Modeling***, Spring 2024

* This project applied mathematical modeling techniques, including the SIR (Susceptible-Infectious-Recovered) model and computational tools like LSTM neural networks, to analyze and predict the spread of an epidemic over time.

**University / Community Involvement**

***Leader,*** Fellowship of Christian Athletes

***Leader/Member*,** CampusBible Study

***Member,*** Exercise Science Club

***Member,*** Service Advisory Board

***Member,*** NCAA DII Men’s Soccer Team