

EDUCATION

Carleton College | Northfield, MN Nov 2024
Bachelor of Arts in Statistics, focus in Data Science **GPA: 3.7**
Relevant Coursework: Data Science, Data Structures, Applied Regression Analysis, Statistical Inference, Data Sampling Techniques, Probability, Time Series Analysis, Computer Science

WORK EXPERIENCE

- Data Science Intern, NASA Goddard Space Flight Center* | Greenbelt, MD June 2024 - August 2024
- Performed time stability analyses to assess the value of in-situ soil moisture networks in improving the Soil Moisture Active Passive (SMAP) satellite data assimilation process.
 - Developed a supervised machine learning algorithm that performed hyperparameter optimization to reconstruct 5 cm soil moisture measurements in 56% of the in situ stations
- Machine Learning/eDiscovery Intern, SK Huffer & Associates* | Indianapolis, IN April 2024 - June 2024
- Operated Lexbe, a comprehensive eDiscovery platform, to efficiently process and analyze large volumes of legal documents for litigation cases.
 - Generated customized dashboards using Lexbe's reporting features to visualize data trends and present findings to legal teams.
- Data Analyst Intern, MIAC Analytics* | Charlotte, NC June 2022 - August 2022
- Refined and optimized an application pivotal for data wrangling across multiple clients, enhancing its functionality and usability. Increased processing speed by an average of 5%. Implemented additional features too.
 - Participated in client meetings, addressing inquiries and resolving issues related to our software and applications. Consistently maintained a client satisfaction rate of over 85% through prompt resolution of issues and effective communication.
- Data Analyst Intern, A4 Training LLC* | Salisbury, MD June 2021 - August 2021
- Assembled dynamic dashboards for real-time tracking of client weight-lifting for a client base of 30 individuals, providing tailored support that resulted in a 20% average increase in strength and a 15% increase in overall fitness levels.

PROJECTS

- Heart Disease Prediction App, Carleton College* | Northfield, MN November 2021
- Crafted an interactive R Shiny application to predict cardiovascular disease based on user-input parameters including blood pressure, cholesterol levels, age, and sex.
 - Employed 3D modeling, machine learning, and the k-nearest neighbors algorithm for accurate user classification and diagnosis.
 - https://aiden200.shinyapps.io/final_project/

PROFESSIONAL CERTIFICATES

- *AWS Certified Cloud Practitioner, Amazon Web Services* – May 2024
- *IBM Data Science, IBM* – September 2023

EXTRACURRICULAR AND LEADERSHIP ACTIVITIES

- Athlete, Carleton Football Team* | Northfield, MN September 2020 - Present
- Team Captain, Academic All-Conference, Academic All-District, All-Conference H.M
- Member, Carleton Leadership Council* | Northfield, MN January 2023 - Present
- Organized and attended meetings with athletes surrounding recent events in Carleton Athletics

SKILLS

Programming: R, Python, SQL, Jupyter Notebooks, Github, Interface Creation, Snowflake, Excel
Statistics: Machine Learning, Regression Analysis, Data Wrangling, Data Visualization (Tableau)