

# SEAN GRIMM

Seeking position as Analyst

## PROFILE

Graduate student at George Mason University pursuing a master's degree in health informatics with a concentration in Data Analytics. I'm driven to leverage data analytics to illuminate healthcare inefficiencies, empower informed decisions, and elevate care quality. My blend of hands-on healthcare experience and analytical acumen brings a fresh lens to health data analysis.

## TECHNICAL SKILLS

**Python (matplotlib, pandas, pytorch)**  
**MS SQL**  
**R**  
**html**  
**CSS**  
**XML**  
**STATA**  
**WEKA**  
**MS Office**

## CONTACT

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## EDUCATION

### George Mason University

Jan 2022 – May 2024 (Expected Graduation)  
M.S. Health Informatics, Data Analytics

### George Mason University

Jan 2018 – Dec 2021  
B.S. Kinesiology

## GRADUATE COURSEWORK & PROJECTS

### HAP 780: Datamining in Healthcare

- Studied data mining and knowledge discovery in healthcare, emphasizing methods for mining healthcare databases and synthesizing task-oriented knowledge.
- Utilized MS SQL and Python for data cleaning.

### HAP 774: Artificial Intelligence in Health

- Reviewed artificial intelligence (AI) methods in health applications, covering AI approaches to problem solving, uncertain reasoning, human-computer interaction, machine learning, intelligent optimization, and simulation.
- Gained practical experience with Python (PyTorch library) in the context of Electronic Health Records and intelligent health devices.

### HAP 823: Comparative Effectiveness

- Explored Ordinary Regression, Propensity Scoring, and Causal Networks for data analysis.
- Developed expertise in LASSO Regression and Regression Networks for complex variable modeling.
- Utilized Python for temporal analysis in a presentation and the All of Us Data Project for diabetes data analysis and network modeling using Netica.

### HAP671: Healthcare Databases

- Merged, analyzed, and queried health data using SQL.
- Developed skills in database management and data manipulation.

### HAP719: Advanced Statistics in Health Research I

- Conducted and interpreted statistical analyses of health-related data sets using STATA.

## EXPIRIENCE

### Ascend Physical Therapy | Physical Therapy Assistant

Dec 2021– Current

- Direct assistant to licensed physical therapists.
- Facilitated the delivery of quality care in a timely manner.
- Diligently helped to progress patients' exercises as needed.
- Collaborated closely with the physical therapists to ensure that the care plan was effective and efficient.
- Provided regular updates on patient progress and reported any issues or concerns to the physical therapist for further action.