Stuart Waymack

stuartwaymack@vt.edu

EDUCATION

VIRGINIA TECH | **AUG 2022 - May 2026**

Bachelors of Science in Computational Modeling and Data Analytics; Statistics | **Major GPA 3.68/4.00**
- Primary Major: CMDA, Secondary Major: Statistics
- Minors: Computer Science, Mathematics, and Biological Sciences.
- Awarded Julian Burrus Scholarship; 2x Dean's List

PROFESSIONAL EXPERIENCE

VIRGINIA TECH CENTER FOR BIOSTATISTICS AND HEALTH DATA SCIENCE | **Dec 2023 - Present**

Undergraduate Research Assistant

HTTPS://BIOSTAT.CENTERS.VT.EDU/PEOPLE/STUART_WAYMACK.HTML

As a researcher intern with Virginia Tech's Center for Biostatistics and Health Data Science, I support PhD-level researchers, assist with organizational efforts at the Virginia Tech School of Medicine, helped on the design of a new statistics course at Virginia Tech, assist with material development for graduate level courses, and help with grant proposals/renewals. During this time, I have deepened my proficiency in Python, R, REDCap, and core communication tools (Slack, Microsoft Office), while honing my ability to interpret and present complex data to a diverse range of audiences.

- Assisted developing a new course (STAT 2274) with one of the PhD researchers, set to launch in Spring 2025, contributing to curriculum design and instructional materials.
- Supported logistical and academic coordination for the Virginia Tech School of Medicine, ensuring smooth integration of research and educational activities.
- Contributed to the preparation of NIH RPPRs, gaining experience in grant writing and reporting.

DC UNITED | **MARCH 2022 - June 2022**

Data Analyst Intern

As a Data Analyst Intern at DC United, I worked extensively with sports analytics data, processing and analyzing information from hundreds of games over the course of a two year period. My responsibilities included data scraping, formatting, cleaning, and analysis, as well working on a research paper on the power and accuracy of predictive sports software like ESPN FPI.

- Managed and processed large datasets, ensuring data quality through scraping, formatting, and cleaning.
- Analyzed sports performance metrics with guidance, gaining foundational experience in sports analytics.
- Worked on a research paper evaluating the effectiveness of predictive sports statistical software, providing insights on tools like ESPN FPI.
- Developed an understanding of the application of data analytics in professional sports settings.

FRIENDSHIP PLACE | **June 2022 - Aug 2022**

Service Project Manager

During a summer as a Service Project Manager with Friendship Place, a homeless shelter, I coordinated service projects. This role provided me with valuable experience in leadership, communication, and management, as I worked to organize and execute meaningful projects that supported the shelter's mission.

- Led the planning and execution of service projects, ensuring alignment with the shelter's needs and goals.
- Coordinated between the shelter and a Boy Scout troop, facilitating communication and collaboration.
- Managed project timelines and resources, ensuring successful completion of initiatives.

ADDITIONAL INFORMATION

- Programming Skills: Strong experience in Python, C, Linux, and R. Moderate experience in Java and Assembly.
- Awards: 2x Dean's List; Julian Burris Scholarship; 2020-22 High School Honor Roll; 2021 AP Scholar.