Grace Flitsch

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EDUCATION

Bachelor of Science in Mathematics, *Wheaton College,* Wheaton, IL   Anticipated December 2023
- Minor in Computer Science, Concentration in Statistics
- GPA: 3.86/4.0
- Presidential Scholar, Dean's List
- Relevant Coursework: Machine Learning, Mathematical Statistics, Probability Theory, Data Science Research Seminar, Software Development, Data Structures and Algorithms, Programming I & II.

EXPERIENCE

Analyst Development Intern, *Performance Trust Capital Partners,* Chicago, IL   June - August 2023
- Worked with peers and coaches to develop and present a bond portfolio consulting strategy to board members.
- Studied bond math and presented weekly on various bond sectors.
- Revised and updated current internal education portal.
- Met with employees from Sales, Client Insights and Analytics, Capital Markets, Institutional Group, and Trading to better understand roles within the firm.

Academic Coach, *Wheaton Academy,* West Chicago, IL   September 2022 - Present
- Tutor middle school - college students in their math courses ranging from Algebra 1 to college statistics.
- Facilitate ACT and SAT practice exams and walk through example problems with high schoolers.
- Manage scheduling of appointments and communicate with clients to assess gaps in students' knowledge.

Applied Calculus Lab Assistant, *Wheaton College,* Wheaton, IL   January - May 2022
- Answered students' questions about weekly lab assignments, working with them one on one to reinforce concepts learned in lecture.
- Proctored weekly quizzes at the end of each lab period.
- Tutored individual students outside of class when they needed additional help.

UNDERGRADUATE PROJECTS - Available on my github site: **graceflitsch.github.io**

- Tennis Analytics - Predictive Modeling of ATP Match Data
- Statistical Missions: Determining a Machine Learning Model of Gospel Access
- Statistical Analysis: Factors Contributing to Obesity
- Data Science Research Project: Synthesizing and Evaluating Methods of Machine Learning for Soccer Analytics
- Wheaton College STEM Poster Session Entry: Investigating Top Merchants
- Programmar: A speed typing and gaming program for programmers.

ADDITIONAL SKILLS

R, Python, Java, Excel, Github version control.