
Abigail L. Elwell

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OBJECTIVE

Employment as a data analyst or similar position that fosters teamwork and discovery through the application of mathematics, operations research, and computer programming.

EDUCATION

M.S. Computer Science – Specialization in Computational Operations Research Expected Graduation: May 2025

The College of William & Mary, Williamsburg, VA

GPA: NA Honors & Awards: Tuition Fellowship, Graduate Student Advisory Board Fellowship

B.A. Applied Mathematics – Minor English

May 2023

Hillsdale College, Hillsdale, Michigan

GPA: 3.84 Honors & Awards: Summa Cum Laude, George Washington Fellow, Collegiate Scholar

PROFESSIONAL EXPERIENCE

Online Learning Intern

June 2022 – June 2023

Hillsdale College, Hillsdale, MI

- Construct a health score for the department using website and course enrollment data.
- Provide analysis of the department's past performance using sophisticated statistical techniques.
- Drafted seven study guides and responded to students' questions relating to the mathematics course.

Graduate Teaching Assistant

2023 – Current

The College of William & Mary, Williamsburg, VA

- Lectured for an 80 person calculus course each semester.
- Provided written and verbal constructive feedback to students.
- Assisted students during evening tutoring sessions to help solidify conceptual understanding.
- Volunteered to host additional office hours sessions when students struggled.

Congressional Intern

Fall 2021

U.S. House of Representatives, Washington, D.C.

- Created method to dramatically decrease time spent finding 434 Member's staff contact information.
- Innovated the Member's website by organizing relevant press releases on issue pages and suggesting a vote tracker, which they implemented.
- Report on 40 Members on the House Armed Services Committee involving over 3.5 million Defense contracts; involved performing some basic statistics on similarities and differences between districts to aid the Member in determining committee preferences.

COMPUTER SKILLS

Proficient Skills

- Operating Systems: Windows
- Languages: Python, R, AMPL
- Applications: Gurobi Optimization, L^AT_EX, MS Office

Survival Skills

- Operating Systems: Unix

CAMPUS INVOLVEMENT

Captain, Attorney – *Hillsdale College, Hillsdale, MI*

2019 – 2023

- Compete in a trial advocacy program against elite teams across the country.
- Trained underclassmen on the Mock Trial Rules of Evidence and Procedure so thoroughly that a team of freshmen with no experience won a tournament dominated by veteran teams.
- Awarded Outstanding All-Regional Attorney by the American Mock Trial Association and Outstanding Attorney at the Illinois State Invitational.

George Washington Fellow – *Hillsdale College, Hillsdale, MI*

2020 – 2023

- Scholarship competition awarded to six students for public service, academic excellence, and leadership.
- Includes additional curriculum on American political thought and a semester interning in Washington, D.C.
- Research for professors and College staff involving pressing political and educational efforts.