

AVERY OLDAKOWSKI

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EDUCATION

Worcester State University, Worcester, MA

Expected Graduation: May 2023

Bachelor of Science in Mathematics with a concentration in Actuarial Science

Minor in Data Science

Cumulative GPA: 3.794

Relevant Coursework: Probability, Statistics, Data Analysis and Visualization, Data Mining, Mathematical Modeling, Computer Programming, Cloud Computing, Economics, Finance, Accounting

RELEVANT ACADEMIC PROJECTS

Predicting Student Performance Using Data Mining Techniques | **Capstone Project**

September 2022 – December 2022

- An in-depth analysis of the effects of demographic and academic features on the GPAs of Worcester State students, performed using R and data mining tools in Weka

INTERNSHIP WORK EXPERIENCE

Entrepreneurship Ambassador | **Worcester State University**, Worcester, MA

October 2020 – December 2021

- Collaborated with a small team of students to assess the entrepreneurial ecosystem of the greater Worcester area
- Interviewed 12+ entrepreneurs in the region to understand where the city can provide support for small businesses
- Presented findings and significance to a representative from the Massachusetts Technology Collaborative

Women in Technology Intern | **Johnson Controls, Inc.**, Westminister, MA

October 2018 – April 2020

- Assessed company needs and employee work habits to evaluate which risk analysis tool was the best fit for the department
- Pitched comprehensive proposal to upper management, employees, and peers
- Organized schedule and research planning such that projects could be completed ahead of deadline

WORK EXPERIENCE

Math Tutor | **Worcester State University**, Worcester, MA

September 2021 – Present

- Developing a variety of creative strategies to best support individuals' learning styles
- Communicating with professors to promote student growth inside and outside of the classroom
- Conveying student sentiments on material, class speed, and learning tools to professors to improve future courses
- Leading review sessions of 30+ students

Office Assistant | **Worcester State University**, Worcester, MA

June 2021 – Present

- Supporting professional staff by completing tasks efficiently and accurately
- Interacting with students, faculty, and family members to answer questions and troubleshoot problems, developing strong interpersonal skills
- Training new and existing employees on administrative and technical operations

AWARDS

Worcester State Foundation Academic Major Award in Mathematics

Spring 2023

- Awarded to seniors with the top academic performance in mathematics

Worcester State University Dean's List Recipient

Fall 2020 – Fall 2022

- Awarded to students with a GPA of 3.5 or higher each semester

SKILLS

Programming: R, Python, SQL, Amazon Web Services, Exposure to Hadoop

Computer: Microsoft Excel, Exposure to Tableau