

SAMANTHA FALVEY

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EDUCATION

WASHINGTON UNIVERSITY | St. Louis, MO

May 2025

Bachelor of Science

Business and Computer Science

- GPA 3.94/4.00; Dean's List
- Selected as one of 30/1,800 applicants for new joint degree program
- Coursework: Data Structures and Algorithms, Multivariable Calculus, Matrix Algebra, Statistics and Data Analysis, Introduction to Computer Engineering, Object-Oriented Software Development

EXPERIENCE

MCKELVEY SCHOOL OF ENGINEERING | St. Louis MO

January 2022 – Present

Teaching Assistant, Introduction to Computer Science

- Instruct 50 students teaching fundamentals of programming language, Java
- Oversee weekly office hours by deliberately leading undergrad and graduate students through debugging rather than explicitly giving solutions to problems
- Mentor students by offering advice to build trust and foster a comfortable and open environment
- Score assignments and exams, grading based on effort, accuracy, and understanding of material

AVENUE RESTAURANT | Medfield, MA

December 2018 – August 2022

Server's Assistant

- Improved restaurant workflow by collaborating with ten servers, hostesses, and front-of-house managers to keep restaurant running smoothly during busy periods
- Cleared tables to maintain high turnover rate and minimize wait times to meet 90-minute turnover goal
- Trained new employees in proper sanitary practices and respectful interaction with guests

LEADERSHIP & ACTIVITIES

FRIENDS UNITED NETWORK | St. Louis, MO

September 2022 – Present

Volunteer

- Organize activities and crafts for 20 elementary aged children with disabilities at a local St. Louis school
- Engage small groups of kids in a weekly activity and gradually form bonds with kids by modeling behavior such as listening, respect, and kindness

WASHU BIZ TECH | St. Louis, MO

September 2021 – Present

Member

- Engage with likeminded peers to promote the intersection of business and computer science on campus
- Discover opportunities in the professional world through webinars and events with industry representatives

THOMAS BLAKE MIDDLE SCHOOL | Medfield, MA

October 2018 – May 2021

Volunteer Tutor

- Mentored middle school aged students twice a week, helping with homework and facilitating goal setting for future success
- Encouraged students to improve time management skills, allowing productive work outside sessions

SKILLS & INTERESTS

- Technical skills: Java, C++, HTML, CSS, R, Python
- Interests: Learning computer programming and web development outside the classroom, reading fiction novels, traveling to new places