

Julian Fletcher

(612)475-7812

www.linkedin.com/in/jflec

julian.n.fletcher@outlook.com

Education

University of Missouri

Columbia, Missouri

B.S. Computer Science

Expected May 2026

Minor in Mathematics, Information Technology, and Geography

GPA 3.69/4.0

Experience

McNair Scholars Program

Columbia, Missouri

McNair Scholar

April 2024—Present

- Developed an algorithm for generating graphs based on a vehicle's turn constraint
- Implemented a variant of Dijkstra's Algorithm that enforces turn constraints
- Evaluated performance using profiling and benchmarking

University of Missouri Learning Center

Columbia, Missouri

Academic Tutor

July 2023—Present

- Tutored on topics ranging from basic syntax to data structures and time complexity
- Improved tutee assignment performance
- Helped tutees develop their study habits and put their knowledge into practice

Best Buy

Shakopee, Minnesota

Sales Advisor

October 2020—January 2023

- Advised clients on purchases ranging from \$100 to \$5000+
- Developed and maintained strong customer relationships
- Demonstrated product solutions for customers based on their personal criteria

Leadership and Involvement

University of Missouri College of Engineering

Columbia, Missouri

Peer Mentor

February 2024—Present

- Provided weekly guidance and support to a group of 11 first-year engineering students
- Created a welcoming and supportive environment throughout the semester
- Held 12 weekly workshops on study skills, time management, and campus resources

University of Missouri Residence Halls Association

Columbia, Missouri

Vice President

March 2024—Present

- Managed an Executive Board of 11 other students alongside the organization president
- Drafted the semesterly organization budget of over \$60,000

Executive Chief of Staff

April 2023—March 2024

- Modernized the organization website to increase its usage by 150%
- Managed the organization Microsoft Teams

Skills

Programming Languages: C, C++, Python, Java, JavaScript, HTML, CSS

Software: ArcGIS Pro, ArcGIS Online, ArcPy, Microsoft Word, Microsoft Excel, Microsoft Teams