Julian Fletcher

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Education

University of Missouri   Columbia, Missouri

B.S. Computer Science   Expected May 2026

Minor in Mathematics, Information Technology, and Geography   GPA 3.7/4.0

Experience

University of Missouri Department of Residential Life   Columbia, Missouri

Resident Advisor   May 2024—Present

- Mentored residents throughout their freshman year at Mizzou
- Served in an overnight on-call duty rotation
- Provided operational and administrative support for a residence hall

McNair Scholars Program   Columbia, Missouri

McNair Scholar   April 2024—Present

- Developed a new approach to construct graphs for pathfinding purposes
- Implemented a variant of Dijkstra's Algorithm to compute constrained paths
- Evaluated performance using profiling and benchmarking

University of Missouri Learning Center   Columbia, Missouri

Academic Tutor   July 2023—May 2024

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

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, SQL

Non-Technical Skills: Public Speaking, Leadership, Communication, Community Building, Conflict Resolution, Task Prioritization