

Kathleen Abrams

Columbia, SC | kmabrams2002@gmail.com | 980-505-2551 | www.linkedin.com/in/kathleen-abrams

EDUCATION:

University of South Carolina, Columbia, SC

Graduation: May 2024

Bachelor of Science in Biomedical Engineering; Minor in Business Administration

GPA: 4.0

HONORS AND SKILLS:

Honors: USC Honors College | USC President's Honor List | SEC Academic Honor Roll | USC Academic Scholar-Elite Award | USC College of Engineering & Computing Scholarship | Tau Beta Pi Engineering Honor Society | Society of Women Engineers Scholarship (Mary V. Munger Memorial Scholarship) | Truist Emerging Leaders Certification

Skills: SolidWorks & Creo | 3D Printing | Introductory Python & R | Biosafety Level 2 & Chemical and Laboratory Safety Training

INTERCOLLEGIATE ATHLETICS:

University of South Carolina NCAA Cross Country and Track & Field Student-Athlete, Columbia, SC August 2020-Present

- Attend practice, compete, lift weights, attend team meetings, and travel to meets (including SEC Conference Championships) for 15-20 hours a week while having a full course load of 15-18 credit hours
- Gain valuable time management, teamwork, and communication skills, while forming close relationships with my coaches and teammates
- Volunteer my time to mentor elementary/middle schoolers and encourage them to prioritize academics
- Attended weekly professional development workshops on different career related topics including professionalism, communication, networking, and personal branding as part of the USC Beyond Sports Professional Development cohort

EXPERIENCE:

RhythmLink International, LLC Engineering Intern, Columbia, SC

November 2022-September 2023

- Assisted with design, documentation, and testing of new medical products for the medical industry for 14 hours/week (40 during school breaks) by completing computer-aided drawings, work instructions, reports, inspections, prototypes, and testing to support Engineering activities
- Executed product & component testing and analysis for new products, maintained records, and solved design issues
- Performed product modifications by creating new prototypes, computer-aided drawings, and inspections

University of Akron Research Experience for Undergraduates (REU), Akron, OH

June 2022-August 2022

- Synthesized monomers and polymers, formed coacervates, inoculated different solutions with bacteria, and analyzed bacterial survival rates full time in a polymer science lab to assist my graduate mentor with a new research project
- Presented research poster on the Impact of Coacervate-Forming Polymers on Bacterial Viability After Freeze-Drying at the 17th Annual Northeast Ohio Undergraduate Research Symposium
- Completed 15 hours of coursework in polymer science and professional development to efficiently complete my research

LEADERSHIP:

Theta Tau Professional Engineering Fraternity, Columbia, SC

January 2023-Present

Spring 2024 Fundraising Chair, Spring 2024 Standards Board senior representative, Fall 2023 Community Outreach Chair

- Attend weekly chapter meetings and brotherhood events, volunteer at philanthropy event each semester, achieve 20 community service hours semesterly by volunteering at dog shelters, science fairs, and community outreach events
- Host and plan creative fundraising events, collaborate with local businesses to organize Percent Nights, acquire corporate sponsorships by communicating with company representatives, and establish a fundraising website for the Theta Tau Zeta Delta chapter
- Assist the executive Standards Chair in making decisions to ensure compliance with bylaws and ethics
- Planned community outreach events, led committee, and communicated with College of Engineering & Computing staff regarding events to build a community network for the Theta Tau Zeta Delta chapter to spread STEM

Carolina Catholics Campus Ministry, Columbia, SC

August 2020-Present

Youth Ministry Coordinator & Volunteer, Lector

- Attend weekly Mass, Sunday Supper, and Bible Study at St. Thomas More, in addition to retreats and conferences
- Volunteer my time to lead small group discussions and assist with games and other activities at nearby Catholic youth groups, while also organizing and communicating with a team of volunteers as Youth Ministry Coordinator
- Improve public speaking skills by lecturing at Mass in front of 150 people