

Alanna O'Reilly

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EDUCATION

Rutgers University, School of Engineering

B.S. in Biomedical Engineering

- **Cumulative GPA:** 3.65/4.00 (Dean's List)

New Brunswick, NJ

Sep 2019 – May 2023

PROFESSIONAL EXPERIENCE

Labcorp Drug Development

Project Management Intern

Remote Work

May 2022 - Aug 2022

- Facilitated a 10% increase in clinical trial patient recruitment by leading a referral campaign and managing correspondences
- Maintained tracking of patient statuses and trip reports across 3 studies and reported data to the client on a weekly basis
- Reported over 20 potential issues during a quality check of IP Storage and Shipment documentation in Veeva Vault eTMF
- Conducted research for 7 projects focused on the internal structure and processes of the company and PM department

Resilience Inc

Engineering Intern

Remote Work

Oct 2021 - Jan 2022

- Used AutoCAD and Fusion 360 to design and simulate a desalination prototype for load management analysis of the structure
- Analyzed mechanical properties and cost of various materials to support product design, development, and vendor selection
- Facilitated communication across affected teams and encouraged consistent work processes across teams and locations
- Researched the best way to manufacture the product by speaking with experts from various companies and searching databases

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Engineers Without Borders

Treasurer

New Brunswick, NJ

Apr 2022 – Present

- Managing and advising budgets for the organization's four projects and the general campus activities
- Working with the executive board and financial development team to brainstorm and execute fundraising events

Tanzania Project Lead

Apr 2021 – Apr 2022

- Oversaw the financial and technical subteams to form a coherent project and increase progress towards goals efficiently
- Taught members how to use AutoCAD enabling them to assist with the designing of a water pump and distribution system

Tanzania Financial Subteam Lead

Apr 2020 – Apr 2021

- Organized a two-week long social media campaign to finance the implementation of the borehole well and the project trip
- Collaborated with other subteam leads to successfully launch a virtual running challenge to gain funds for the chapter as a whole

Society of Women Engineers

General Member

New Brunswick, NJ

Sept 2019 – Present

- Engaging in corporate, community service, and networking events within Rutgers University and the outer community
- Contributing to a community of female engineers built on the foundation of supporting women pursuing STEM careers

SKILLS

- Autodesk Inventor
- MATLAB
- Solidworks
- HTML & CSS
- Microsoft Excel
- AutoCAD
- Impact by Arden
- Adobe Illustrator & Photoshop
- Video Editing