

# Alanna O'Reilly

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## EDUCATION

### Rutgers University, School of Engineering

*B.S. in Biomedical Engineering*

- **Cumulative GPA:** 3.69/4.00
- **Honors:** Dean's List

**New Brunswick, NJ**

*Sep 2019 – May 2023*

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

### Engineers Without Borders

*Tanzania Project Lead*

- Overseeing the financial and technical subteam leads to improve member involvement and form a coherent project
- Working with professional mentors and the chapter e-board to develop the project's next steps towards completion of the well

*Tanzania Financial Subteam Lead*

- Worked towards building a sustainable well in Tanzania so women and children do not have to walk long distances to other sources
- Organized a social media campaign and a virtual running challenge to finance the implementation of the borehole well

**New Brunswick, NJ**

*April 2021 – Present*

*April 2020 – April 2021*

### Society of Women Engineers

*General Member*

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

**New Brunswick, NJ**

*Sept 2019 – Present*

### FIRST Robotics Team

*President of Imagery*

- Managed graphics, media, and safety subteams to successfully create a coherent image for the team that adhered to the year's theme
- Collaborated with the other presidents to ensure the team remained hard-working and organized but still was a fun environment

*CAD Lead*

- Collaborated with the build subteam and mentors to create the team's robot and off-season projects using Autodesk Inventor
- Presented at Lockheed Martin during the team's Critical Design Review to a panel of engineers and other professionals

**Mt. Holly, NJ**

*Sept 2018 – June 2019*

*Sept 2017 – June 2018*

## PROFESSIONAL EXPERIENCE

### Redbubble

*Freelance Artist*

- Monitored pop culture to predict trends and cater content to the market while also adhering to my personal art style
- Sold over 1,000 individual products containing my digital art using Adobe Illustrator and other Adobe Creative Cloud products
- Interacted with customers frequently to meet their needs and answer all questions about products and designs

**Eastampton, NJ**

*Nov 2017 - Jan 2021*

### East Coast Karate

*Instructor*

- Led classes that taught students, ages 4-20, the curriculum, proper techniques, and the values of the school
- Expanded presence of the school in the community by participating in team demonstrations at local events
- Prepared younger students for tournaments with the goal of placing top three in their divisions

**Westampton, NJ**

*Jan 2014 - June 2018*

## SKILLS

- **Technical Skills:** Autodesk Inventor, AutoCAD, Adobe Illustrator, MATLAB, HTML, CSS, Procreate, Adobe Premiere Pro, Final Cut Pro, Adobe Photoshop, Canva