

# Alanna O'Reilly

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## EDUCATION

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### Rutgers University, School of Engineering

New Brunswick, NJ

B.S. in Biomedical Engineering

Sep 2019 – May 2023

- **Cumulative GPA:** 3.66/4.00
- **Honors:** Dean's List

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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### Engineers Without Borders

New Brunswick, NJ

Tanzania Project Lead

April 2021 – Present

- 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

April 2020 – April 2021

- 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

### Society of Women Engineers

New Brunswick, NJ

General Member

Sept 2019 – Present

- 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

### FIRST Robotics Team

Mt. Holly, NJ

President of Imagery

Sept 2018 – June 2019

- 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

Sept 2017 – June 2018

- 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

## PROFESSIONAL EXPERIENCE

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### Redbubble

Eastampton, NJ

Freelance Artist

Nov 2017 - Jan 2021

- 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

### East Coast Karate

Westampton, NJ

Instructor

Jan 2014 - June 2018

- 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

## SKILLS

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