

# 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:** 3.60/4.00
- **Honors:** Dean's List

### Rancocas Valley Regional High School

Mt. Holly, NJ

*High School Diploma*

*Sep 2015 – Jun 2019*

- **GPA:** 3.62/4.00
- **Achievements:** Senior Engineering Design Project, Robotics Club Award, Rotary Award, Consistent High Honor Roll

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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### Engineers Without Borders

New Brunswick, NJ

*Financial Subteam Lead*

*Jan 2020 – Present*

- Building a sustainable well in Tanzania so women and children do not have to walk long distances to other sources
- Finding and writing grants and organizing fundraising events 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 and inspiring women pursuing

### 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 - Present*

- Monitoring 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
- Interact 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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- **Certifications:** Autodesk Inventor
- **Technical Skills:** AutoCAD, Adobe Illustrator, MATLAB, Video Editing, Photoshop