

Alana Singh

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EDUCATION

New York Institute of Technology

Bachelors of Science in Bioengineering

September 2022 - Present

GPA: 3.7

Honors & Rewards

- Presidential Honor List
- Dean's List

Coursework: Gen Bio & Chem, Bio-Org Chem, Physiology, Digital Logic, Engineering Programming, Biomaterial

WORK & LEADERSHIP EXPERIENCE

NYIT Entrepreneur Technological Innovation Center (ETIC)

Old Westbury, Long Island, NY

Engineering Position - Bioengineer

May 2023 - Present

- Project manager of the 3rd NYITCOM collaboration that involves creating a device that emits vomit or “emesis” so that it provides a realistic simulation that teaches medical students how to respond to patients undergoing head trauma
- Project manager of providing a web platform AISTETIC that integrates AI and biology with identifying anomalies in DNA that can be utilized by scientists and researchers around the world and retrieve results right away
- Performed research and create a research paper on type 2 diabetes mellitus that helps the medical community understand how one gets T2DM & how ETIC would support researchers and patients by providing a platform dubbed AISTETIC for people to enter their dataset to identify if they have T2DM

New York Institute of Technology Campus Library

Old Westbury, Long Island, NY

Student Library Assistant

Oct 2022 - Mar 2023

- Offered customer service to students and faculty while keeping the library organized
- Checked out textbooks to students and directed their needs
- Scanned textbook pages, organized them and then uploaded them to a google drive for public access for all students
- Kept inventory of all of the technology we had in possession and of the textbooks as well keeping the library in order for students

Institute of Electrical and Electronics Engineers

Old Westbury, Long Island, NY

Member

Sept 2022 - Present

- Worked on mechanical robots and assembling the pieces together
- Learned about how robotics operates in the workplace
- Worked in teams figuring out the schematics of the parts of the robot

SKILLS, ACTIVITIES & INTERESTS

Languages: English and Spanish

Technical Skills: Python, machine learning, electrical, project management, data analysis, technical writing, matlab, and bioengineering

Certifications: OSHA Certified, 25hr Program, ETIC Internship

Activities: IEEE, NYIT SASA, Ultimate Frisbee, National Society of Leadership and Success, 25hr ETIC Certificate Program