

EDUCATION

Tufts University

UFT Albert Shanker Scholar

National Society of Black Engineers

National Society of Women Engineers

Bachelor of Science in Biomedical Engineering, May 2023

Medford, MA

2019 - present

- **Relevant Coursework: Engineering Science, Biomedical Concepts, Methods for Human Factors Engineering, Analytical Tools for Biomedical Engineering, Biological Systems Analysis, Biomaterials and Regenerative Medicine, Scientific Reading, Writing & Presentations, Biomechanics, Engineering Design Process, Modern Optics and Photonics**

EXPERIENCE

Electrical Circuits Teaching Assistant

Department of Biomedical Engineering at Tufts University

September 2022 - Present

Medford, MA

- Tutored students on Electrical Circuits and assisted in grading for the course
- Held regularly scheduled office hours to advise and assist students.
- Mentored students through office hours and one-on-one communication

Tenaya Therapeutics

Process Development Intern

June 2022 - August 2022

San Francisco, CA

- Screened for high-quality bacmids, from transfection of insect cell lines through the production of baculovirus and AAV.
- Purified and tested novel capsid manufacturing feasibility from shake flask productions
- Shadowing and hands-on support of SF9/BEV 50L and 200L STR upstream manufacturing productions and purification for AAV therapy drug substance

Center for Engineering Education and Outreach

Equity Learning assistant

January 2022 - Present

Medford, MA

- Lead in-class discussions and activities in Engineering Science around topics of equity and justice related to the technical content of the course.
- Attended weekly development meetings to discuss justice topics in more detail and learn facilitation strategies.
- Created weekly lessons for in-class discussions.

Prevail Therapeutics

Analytical Development Intern

June 2021 - August 2021

New York, NY

- Hands-on support in assay development and qualification of assays using new methodologies for the characterization of AAV products
- Assisted in management, shipping, and organization of samples and data with internal and external collaborators.
- Shadowed and supported scientists in lab practices, experimental processes, and lab documentation.

ACTIVITIES

Tufts Black Student Union

President

January 2020- Present

- Prepared the agenda for Executive Board meetings by setting the event schedule for the school year and producing detailed proposals for events.
- Recruited and trained both Executive Board members and Event Volunteers.
- Ensured the fiscal viability of all events and maintain records of event profits in coordination with the treasurer
- Collaborated with other organizations within the Boston Area to promote citywide community building

Tufts STEM Ambassadors

Member

September 2020 - September 2021

- Prepared science presentations and activities for high schoolers
- Completed a series of workshops designed to develop exceptional leadership and communication skills
- Reinforced that STEM fields are attainable to anyone and opened possibilities for new ideas and collaboration through representation.

SKILLS

Microsoft Office, Prezi, Google Suite, Fluency in Yoruba, Beginner French

Software Skills: Solidworks, Matlab, R studio, CAD, Python, Arduino,

Wet Lab Skills: Preparing and maintaining cell line cultures, AAV Capsid ELISA assay, Single Cell Cloning, micropipette operation, bacterial growth cultures, cell passaging, cell thawing and seeding, PhyTip Purification, Western Blot, Silver Stain, BCA assay, Blitz Assay, BacPak Assay