**Education**

**Dartmouth College,** Hanover, NH **Sept 2020 – June 2024**

*Bachelor of Arts, Major in Computer Science Modified with Engineering* **GPA 3.64/4.0**

Relevant Coursework: Object Oriented Programming, Differential Equations, Linear Algebra

Honors/Awards: E.E. Just Scholar

**Poly Prep Country Day School**,Brooklyn, NY **Sept 2015 – June 2020**

Honors/Awards: 9/11 Memorial Scholar, Jay Jordan Scholar Athlete Award

Activities: Coding Club, Umoja Affinity Group, Varsity Football, Varsity Lacrosse, Yearbook Club

**Skills & Certifications**

**Computer**: Java, Python, Bash, SolidWorks, HTML

**Technical Skills**: Machining, Laser Cutting, Soldering

**Languages**: French (Intermediate), Spanish (Conversational)

**Projects**

**MyClean Water Filtration System March 2022 – Current**

*Engineer*

* The MyClean project focuses on water filtration systems using fungal colonies. Our goal is to find solutions to water contamination in communities around the globe, first focusing on communities with heavy metal contamination.
* Engage in a small team across campuses to apply our engineering skills learned to university such as CAD modeling to research, develop and build our protype.
* Utilize git repose and knowledge of html to construct our website.

**Work Experience**

**Dartmouth College,** Hanover, NH **June 2021- December 2021**

*Student Researcher, PI: Ryan Hickox, Funded by E.E. Just Summer Program*

* Researched the development and growth of black holes by focusing on low mass dwarf galaxies. Our goal is to expand the census of low mass black holes and to reach closer to finding the answer to the question of how supermassive black holes are formed.
* Analyzed data from the ESA’s XMM Newton observation of dwarf galaxy Mrk462. I modeled and fitted data to observe spectra and scripted in python and Tcl. I gained considerable use of command-line programming via Xspec and Bash and started drafting a paper for publishing using LaTex.

**Leadership & Activities**

**Prep for Prep**, New York, NY **June 2014 – Current**

*Member*

* A NY based non-for-profit in which I attended a 14-month developmental program with the goal of putting more students of color in NYC prep and boarding schools
* Attended yearly leadership cohorts (Aspects of Leadership) in which I collaborated with my peers and lead and engaged in discussions and activities pertaining to diversity and leadership.

**National Society of Black Engineers Sept 2020 - Current**

*Member*

**Black Praxis Jan 2022 – Current**

*Layout Editor*

* Design and construct the layout of our magazine focused on black life at Dartmouth, featuring poetry, art, and models.
* Attend weekly meetings and clearly communicate within a small group via Discord

**First Generation Low Income (FGLI) Physics and Computer Science Tutor Dec 2021- Current**

* Organized weekly meetings with my tutees
* Coached my peers through their introductory courses

**Management and Leadership Development Program,** Hanover, NH **Jan 2021 – March 2022**

* A 9-week program in which I sharpened many management skills including, organizing a group, public speaking, negotiation training and interpersonal skills to build cohesive and diverse work environments.

**Additional Experience**

**Poly Prep Summer Camp,** Brooklyn, NY **June 2016 - June 2021**

*Camp Counselor*

* Communication in smalls groups and gained leadership skills to lead and engage with our young campers to bring them a safe and entertaining summer experience
* Accountable and adaptable, as a bus counselor as well I assisted in making sure each camper was safely on and off the buses to and from camp each day and met with staff for bonding activities and logistics each week.