

STEFEL SMITH

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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, Solid Works, HTML

Technical Skills: Machining, Laser Cutting, Soldering

Languages: French (Intermediate), Spanish (Conversational)

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.

LEADERSHIP & ACTIVITIES

Prep for Prep, New York, NY

June 2014 – Curr

Member

- A NY bases non-for-profit with 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 conversed with my peers and helped lead, listen to and engage in discussions and activities pertaining to diversity and leadership.

Management and Leadership Development Program, Hanover, NH

Jan 2021 – March 2022

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

First Generation Low Income (FGLI) Physics and Computer Science Tutor

- Organized weekly meetings with my tutees
- Helped my peers through their introductory courses

Black Praxis

Layout Editor

- I design and construct our magazine focused on black life at Dartmouth, featuring black poetry, art, and models.
- Attend weekly meetings and communicate well within a small group via Discord

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.

Novack Cafe, Hanover, NH

September 2020 - current

Associate

- Work well with small staff and efficiently under time constraints
- Communicability and Customer service skills