**EDUCATION**

**Brown University,** *Sc.B. Applied Mathematics – Computer Science, Urban Studies*, 4.0 GPA Providence, RI |May 2023

* Bonner Community Fellow Providence RI | Spring 2020 – Spring 2023
* Relevant Courses**:** Artificial Intelligence, Computer Vision, Computational Probability and Statistics

**Saint Petersburg High School,** *International Baccalaureate Program**Salutatorian,* 4.66/4.00 GPA St. Petersburg, FL | 2019

**RESEARCH EXPERIENCE**

**Annenberg Institute,** *Undergraduate Fellow for Education and Social Policy* Remote; Providence, RI |Summer 2021

* Summarized and cleaned data in Stata, performing tasks such as merging and reshaping data sets, creating summary tables, and running linear regressions
* Collaborated with two other undergraduate fellows to assist the research team on data cleaning and analysis as well as aiding in performing a literature review
* Attended faculty-led workshops in topics from data analysis in Stata, introductions to GIS software, and Q&A sessions with post-doctoral research fellows and professors involved in social policy research

**Brown Undergraduate Math Project,** *Participant*Online | August 2020

* Investigated repeating decimals from a number theory perspective, aiming to determine patterns in their period with a group of two other undergraduate students
* Researched topics in number theory to help develop rigorous proofs for our mathematical conclusions
* Authored findings in a short research paper under the direction of a faculty advisor

**EMPLOYMENT EXPERIENCE**

**Swearer Tutoring Enrichment in Math and Science (STEMS),** *Site Leader, Tutor* Providence, RI | Oct. 2019 – Present

* Coordinate program details between Brown’s Swearer Center, the student volunteers, and the programs community partner, Hope High School, to ensure that the student tutors are equipped to have effective impact
* Lead member meetings designed to promote tutor growth and enhance their understanding of the community that they serve
* Assist teachers in the classroom at Hope High School by providing one-on-one academic support to their students, and engage with students as a peer mentor, developing their self-efficacy in the STEM field and throughout their education

**Self-Employed,** *Tutor* St. Petersburg, Florida | Nov. 2016 – Present

* Selected as a standardized testing tutor with Varsity Tutors (July 2020 – Present)
* Explain key concepts to students in subjects in mathematics ranging from Algebra I to Calculus
* Mentor 2-3 students per week on college admissions, providing insight on the standardized testing process and SAT/ACT content preparation
* Create a curriculum to focus the student’s learning, collaborating with parents to ensure maximum student growth

**COMMUNICATION EXPERIENCE**

**Brown Political Review,** *Interviewer* Remote; Providence, RI | Feb. 2021 – Present

* Edit and collaborate with other interviewers to ensure the publications are coherent and clear in their message while maintaining accuracy to the original interview
* Publicize interviews for the Brown Political Review with various figures involved in shaping the political landscape

**PROJECTS**

**Search,** *Java*

* Edit and collaborate with other interviewers to ensure the publications are coherent and clear in their message while maintaining accuracy to the original interview
* Publicize interviews for the Brown Political Review with various figures involved in shaping the political landscape

**Adversarial Search,** *Python*

* Edit and collaborate with other interviewers to ensure the publications are coherent and clear in their message while maintaining accuracy to the original interview
* Publicize interviews for the Brown Political Review with various figures involved in shaping the political landscape

**SKILLS & INTERESTS**

**Languages:** Java, Python, Stata, Pyret

**Interests:** Ultimate frisbee, running, esports, hiking, and chess