**Education**

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

*Bachelor of Arts*:Major in Physics, Major in History **GPA 3.93/4.0**

*Citations for Academic Excellence*: Chinese 10 (Introduction to Chinese Culture), Physics 43 (Statistical Physics), History 37 (Black Radical Tradition)

*Languages*: Chinese (conversational proficiency)

**University of Cape Town**, Cape Town, South Africa **January-March 2019**

Astronomy study abroad program through Dartmouth College

**Beijing Normal University**,Beijing, China **June-August 2017**

Chinese language and culture study abroad program through Dartmouth College

**Seven Hills High School**,Cincinnati, OH **June 2016**

**Experience**

**Research Assistant**,Dartmouth College, Hanover, NH **Summer 2020 –**

*Research with Dr. Richard Wright*

* Analyze census tracts to research population trends regarding diversity and majority populations

**Collective Un/becoming: Engaged Pedagogy as Praxis**,Dartmouth College, Hanover, NH **Spring 2020**

*Research with Dr. Shamell Bell*

* Co-writing a book with a collective of Dartmouth students documenting our individual experiences in praxis

**Teaching Assistant, Department of Physics**,Dartmouth College, Hanover, NH **Spring 2020**

**Consortium of Studies in Race, Migration, and Sexuality**,Dartmouth College, Hanover, NH **Winter 2020**

*Scholar, research overseen by Dr. Eng-Beng Lim and Dr. Hao-Jun Tam*

* Conducted an independent research project on how the unequal land surface temperature distribution in Los Angeles County (found in prior research project) is an example of environmental racism

**Tutor, Department of Physics**,Dartmouth College, Hanover, NH **Winter 2020**

**NASA Student Airborne Research Project**,University of Irvine, Irvine, CA **Summer 2019**

*Terrestrial Ecology Group with Dr. Dar Roberts, Supervised by Michael Allen, MSc*

* Determined that an increase in average income is correlated to a decrease in urban land surface temperature in the Los Angeles County due to a combination of proximity to the coast, increased vegetation cover, and lower elevation
* Analyzed MASTER, LandSat 8 OLI, and ASTER Digital Elevation Map (DEM) data using R, ENVI, MESMA, and GIS

**Presidential Scholar, Department of Physics**,Dartmouth College, Hanover, NH **Summer 2018 – Fall 2018**

*Research on Cosmology with Dr. Marcelo Gleiser*

* Programmed a basic model of the universe using Python and the Runge-Kutta method

**Amnesty International USA** (AIUSA), Washington, D.C. **Winter 2018**

*Government Relations and Advocacy, Sub-Saharan Africa Subunit Intern*

* Researched developments in and drafted blogs on political and human rights in Africa, with a focus on Ethiopia

**Service**

**Dartmouth Student Union**, Hanover, NH **Spring 2020 –**

*Co-Founder, Organizer*

* Co-created and currently run a mutual aid fund with a collective of undergraduate students
* Co-founded the Internet Commons, a virtual freedom school.

**UV Gear (Upper Valley Giving Emergency Aid and Resources)**, Hanover, NH **Winter 2020**

*Volunteer, Advocacy*

* Organized donated camping gear for the homeless in the Upper Valley

**Hello Reading**, Beijing, China **Summer 2017**

*English Teacher*

**John P. Parker Elementary School**,Cincinnati, OH **Fall 2012 – Summer 2016,**

*Math and Reading Tutor, Organizer* **Winter 2016, 2017, 2018**

**Skills & Interests**

Computer Languages: Python, R, HTML, CSS

Research Techniques: GIS, ENVI, Viper, MESMA, Observational Astronomy Techniques, Database Research, Microsoft Office

Campus Activities: Club Tennis (Captain, 2019-2020), Dartmouth Symphony Orchestra, 2020 Programming Chair for Asian American Pacific Islander Heritage Month (AAPIHM), Organizer for homelessness awareness