

EDUCATION

Boston University (pred. graduate in May 2019)

Major: Astronomy and Physics

Graduate of Fordham Preparatory School

EXPERIENCE

Boston University Center for Space Physics- (part-time, summer 2017-present)

Research Assistant for the Planetary Atmospheres and Space Sciences Group

- Reduction and analysis of Project MAVEN IUVS echelle data, determining the features of Hydrogen and Deuterium Lyman-Alpha emission lines
- Updated and refit a reduction pipeline for Jupiter auroral image data
- Responsible for renovation and upkeep of the group website

Boston University College of Fine Arts Stage Crew - (part-time, fall 2016-spring 2017)

- Setup and breakdown of rehearsals and concerts
- Ran shows with students and professional musicians

Boston University Telefund - Caller(part-time, fall 2015)

- Collected alumni feedback
- Fundraised for the Boston University Annual Fund

Camp Mohawk - Woodshop Specialist, White Plains, NY (summer 2015)

- Advised children on camp activity
- Organization and maintenance of work area

Larchmont Music Academy - Intern, Larchmont, NY (part-time, summer 2014)

- Office duties including filing, inventory, rental instrument handling

SKILLS

- Experienced in Windows, MacOS, and Linux (Ubuntu, CentOS)
- IDL, Python, HTML, CSS, MATLAB(limited), and Java(limited) coding experience
- Some experience with Apache web servers and web design
- Some knowledge of NAIF SPICE routines

ACTIVITIES

Boston University Astronomical Society

Jazz Pianist

Boston University Stage Troupe (Freshman-Junior)

Fordham Prep Speech and Debate (grades 9-12)