

Education

University of Colorado at Boulder

August 2016 – May 2020

Boulder, CO

B.A. Astronomy (Astrophysics/Physics track) major with Classics (Classical Studies track) minor

Summa Cum Laude *with distinction* – Awarded April 27th, 2020

Phi Beta Kappa (ΦBK) – Inducted December 7th, 2019

Cumulative GPA: 3.9/4.0, Dean's List x7

Ranked 4/63 in the Astrophysical and Planetary Sciences department upon graduation.

Cornell University (Summer College)

June 2015 - August 2015

Ithaca, NY

Emphasis: Astrophysics, General Engineering

Cumulative GPA: 3.35/4.0

Earned recognition for achieving “*the highest level of distinction in the design and construction of an engineering structure*” (ENGRG 1060 course)

Technical Skills

- Programming/Coding proficiency: Python 2.7
- Data reduction: SAOImage DS9, IRAF
- Microsoft Office proficiency: Excel, Word, PowerPoint
- Scientific/technical writing

Research

Thesis: On the Nebular Motions of Sharpless 2-106 and its Evolutionary Phase

(https://scholar.colorado.edu/concern/undergraduate_honors_theses/fx719n336)

Primary research paper (Acknowledgment): Bally, John, et al. “A Highly Collimated Jet from the Red Square Nebula, MWC 922”, Published by MNRAS on 1/23/2019. (DOI: 10.1093/mnras/stz257)

Primary research paper (Co-Author, In progress): Bally, John, et al. “Supersonic Expansion of the Bipolar HII Region Sh2-106”

Work Experience

University of Colorado, Boulder – Grader

Fall 2019

- Graded the work of the 72 students enrolled in ASTR 3730 – Astrophysics 1 – Stellar and Interstellar during the Fall 2019 semester.

Amazon – Seasonal Employee, Fulfillment center

Summer 2019

- Surpassed the job quota for each day.
- Aided in keeping shipments organized when new loads came in.
- Was given the option to work extra hours due to excellent proficiency.
- Worked in teams to quickly and efficiently accomplish tasks.

The Princeton University Store – Sales Associate, Retail

Summers 2017, 2018, 2019

- Performed key store customer service duties and assisted with inventory management.
- Helped train new employees and assisted in the web sales department when able.
- Led the Sales Associates Team in garnering new customer memberships.

West Windsor-Plainsboro Community Education – Counselor in training

Summers 2010, 2011, 2012

- Received a net total of 870 hours of volunteer service over three years.