

# ZOE BEAN

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## **Education**

University of Massachusetts Amherst

Master of Science in Data Analytics and Computational Social Science, *Expected February 2023*

Mount Holyoke College

Bachelor of Arts in Astronomy, *May 2021*

Minor in Computer Science

University of St. Andrews (Scotland), *Spring 2020*

Study Abroad Student

## **Relevant Work Experience**

May 2021-July 2021

Five College Astronomy Department Internship, *Five College Astronomy Department*

- Used python and astronomy-specific software to present the same coordinates from different telescope
- Determined if galaxies presented are only visible in certain frequencies
- Automated the exported list of pictured dark galaxies found
- Communicated findings to mentors and peers in internship program in an effective and timely manner

January 2021 - May 2021

Social Media Consultant, *Mount Holyoke College Fimbel Labs*

- Advertised and documented projects and events on social media
- Prioritized post editing for frequent updates to social media account
- Attended and contributed to weekly staff meetings
- Utilized organizational skills to determine best direction for account

February 2019 – December 2019

Astronomy Grader, *Mount Holyoke College Astronomy Department*

- Graded homework and quizzes for classes
- Collaborated with team of undergraduate student graders and Lecturer

## **General Work Experience**

September 2017 – December 2019

Dining Services, *Mount Holyoke College*

- Greeted patrons at door and maintained the dining facility
- Cleaned and organized dishes

June 2018 – August 2019

Kitchen Assistant, *Western Mass. Girl Scouts Camp Bonnie Brae*

- Assisted with meal preparation, service and clean up

June 2017 – August 2018

Parking Lot Ambassador, *Jacob's Pillow Dance*

- Directed cars into parking spots and gave patrons directions to the main events.
- Collaborated with team to ensure the safety and efficiency of the location

June 2014 – December 2016

Candy Processor, *Peace Love and Chocolate*

- Weighed, packaged, and labeled candy
- Assisted with orders and payment processing, as needed

## **Activities**

September 2017 - May 2021

Webnoble (Website manager), *Bellatrix, the Sci-Fi and Fantasy Club at Mount Holyoke College*

- Maintained and updated content on website for the oldest club on campus
- Posted social media updates for events
- Documented meetings and kept track of planned actions

## **Awards**

Mildred L Sanderson Math Prize (for excellence in mathematics during the first year) at Mount Holyoke College, 2018

## **Technical Skills**

- R
- Python
- Java
- Excel