

# Andrew Block

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## Education

*Bachelors of Science* - Physics emphasis in Astrophysics (3.74/4.0)

Expected: May 2018

*Minor* - Mathematics

Minnesota State University Moorhead, Moorhead, MN

## Experience

Minnesota State University Moorhead Department of Physics and Astronomy — Moorhead, MN

- *Planetarium Assistant*

November 2014 – Present

- Interact with the public by way of public shows that range from educational to fun.
- Work with students enrolled in introductory astronomy classes with their observing projects.

Minnesota State University Moorhead Department of Physics and Astronomy — Moorhead, MN

- *Learning Assistant*

August 2015 – Present

- Work with students enrolled in introductory Astronomy classes to ensure that they have a solid grasp on the material presented.
- Work with the instructors to ensure that they know what students are struggling with and help them makes adjustments accordingly.

Goodwill - Easter Seals — Lakeville, MN

- *Donation Assistant*

June 2013 – August 2014, May 2015 - August 2015

- Accept donations at donation centers, organizing donated items, documenting number of donations and specifying high value items such as jewelry and electronics.
- Facilitate customer retention by ensuring customers have an enjoyable donation experience.
- Organize the backroom by using a palletjack to arrange boxes of raw goods to appropriate locations.
- Required extensive physical labor, including moving heavy boxes and furniture.

## Skills

*Programming Languages:* Python

*Operating Systems:* Windows

*Software:* Labview, L<sup>A</sup>T<sub>E</sub>X

*Laboratory:* solder, multimeter, function generator, arc welder

## Projects

Asteroid Detection

- *Individual*

- Using Python to detect asteroids in the night sky.

## Activities

Minnesota State University Moorhead Chapter of the Society of Physics Students Treasurer (2015-2016) — Member (Present)

## Awards

Awarded Dean's List for Fall 2014, Spring 2015, Fall 2015