

Jeremiah Munson

🌐 jeremiahmunson.github.io

✉ munson.jeremiah@gmail.com

in www.linkedin.com/in/jeremiah-munson

🐙 <https://github.com/JeremiahMunson>

SKILLS

- Project Management
- Systems Engineering
- Public Speaking
- Documentation
- Interdisciplinary Team Leadership
- Time Management & Scheduling
- French

EDUCATION

2015 – 2019
(Anticipated)



CARTHAGE
COLLEGE

Bachelor of Arts in Physics

Department of Physics and Astronomy, Carthage College

- Satellite Systems Engineering (Ind. Study), Software Design & Development, Public Speaking, Intro to Public Policy, Advanced French, and Experiencing the Franco-Caribbean Culture (Short-Term Study Abroad)
- Phi Kappa Sigma, Space Sciences, Society of Physics Students, Comp Sci Club, Concert Band, Pep Band
- GPA: 3.84, GPA in Major: 3.89 on unweighted 4.00 scale

EXPERIENCE

June 2016 –
present



Systems Engineer: CaNOP CubeSat

Wisconsin Space Grant Consortium, Carthage College: Kenosha, WI

- Orchestrate up to approximately 20 students split into subsystem teams ensuring collaboration in producing accurate documentation and the successful integrated operation of the flight hardware. Scheduled full-team meetings around school and work schedules and attended individual subsystem meetings.
- Led completion of 4 review documents for NASA. Led creation and organization of various documents for NASA and our launch integrator. Co-presented 2 design reviews to NASA employees. Presented on CaNOP CubeSat 6 times at various workshops and conferences.

June 2018 –
August 2018

NASA Space Academy Research Associate: CubeSat Design and Engineering Model

NASA John H. Glenn Research Center: Cleveland, OH

- Defined CubeSat and High Altitude Balloon (HAB) mission requirements. Designed HAB mission to advance the technology readiness level of experimental power system created by Rochester Institute of Technology.
- Participated in NASA Space Academy activities to hone leadership skills and cooperation. Met with and introduced NASA employees for presentation to academy members. Networked with employees at various aerospace companies.

December 2017 –
May 2018

Education Chair: Phi Kappa Sigma

Gamma Gamma Chapter (Carthage College): Kenosha, WI

- Prepared and presented material to chapter of approximately 40 members. Scheduled individual meetings with members to discuss academic standing and strategies to improve. Met with or video called multiple employees from our international headquarters.

May 2015 –
July 2015



Eagle Scout Project: Magelssen Bluff Trail Accessibility Enhancement

Gamehaven Council, Troop 53: Rushford, MN

- Created project from scratch and presented idea to my Scout Master. Performed cost and time analysis for project. Communicated with city officials to receive city approval. Completed and submitted paperwork to Gamehaven Council for approval. Raised funding for project to buy supplies. Led friends and family to complete project before I turned 18 years old.
- Built and placed 5 benches along trails scaling Magelssen Bluff. Contacted city employee to cut 17 trail signs. Painted trail signs based on sign content. Placed trail signs along trail and at entrances.

ADDITIONAL INFORMATION

Volunteer Work

Heels For Hope: Raised money for Courage MKE to build home for homeless LGBTQ+ youth in Milwaukee.

Walk-A-Mile-In-Her-Shoes: Sexual assault awareness event where men walk a mile in high heels.

DKMS Donor Drive: Assisted Carthage students in registering as possible bone marrow donors.

Achievements

Dean's List: Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018

Carthage College Outstanding Physics Student Award: 2016-2017 Academic School Year

Eagle Scout: November 2015

Professional Organizations

NASA Academy Alumni Association (NAAA): August 2018 - Present

Phi Kappa Sigma, Gamma Gamma Chapter: October 2016 - Present

Society of Physics Students: September 2015 - Present

American Society for Gravitational and Space Research (ASGSR): August 2017 - August 2018