

# BRIAN A. MAY

BMayUSA.github.io

may1ba@alma.edu

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## Education

### Alma College

Bachelor of Science

Majors: Computer Science, Math

Minor: Physics

April 2019 Expected

Major GPA: 4.000

GPA: 3.975

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## Research Experience

### University of Michigan Robotics Internship

Summer 2017

- Full time research developing an affordable mobile manipulation platform with a variety of sensing capabilities

### Asteroid Impact Studies, Alma College

2015 - present

- Research throughout the school year investigating modeling of asteroid impacts through meteorite analogs

### Asteroid Impact Studies Summer Research, Alma College

Summer 2016

- Full time research continuing work from the school year
- Two weeks spent experimenting at NASA Ames Research Center, Moffett Field, CA

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## Oral Presentations

### Alma College Honors Day 2017

April 2017

-Disruption of Carbonaceous Chondrite Meteorite Analogs

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## Poster Presentations

### 48<sup>th</sup> Lunar and Planetary Science Conference

March 2017

-Disruption of Carbonaceous Chondrite Analogs

### Michigan Academy of Science, Arts, and Letters

March 2016

-Speed of Sound in Meteorites: A Preliminary Report

### Alma College Honors Day 2016

April 2016

-Speed of Sound in Meteorites: A Preliminary Report

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## Technical Skills

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**Programming Languages:** Java, C, Python, Javascript, HTML, C++, TeX

**Operating Systems:** Windows XP, Vista, 7, 8, 10; Linux Ubuntu and Debian, OSX

**Software:** Eclipse IDE, ROS, Microsoft Office Suite

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## Honors

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**President's Cup:** Fall 2015

**Dean's List:** Fall 2015, Winter 2016, Spring 2016, Fall 2016, Winter 2017, Spring 2017

**Kapp Honors Day Recognition:** April 7, 2016; April 6, 2017

**Member of Presidential Honors Program:** Fall 2015 to present

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## Employment History

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**Alma College Information Technology** Fall 2016 to present

- Provided support for student and faculty laptops, tablets, and smart phones
- Responded clearly in a timely manner to technology support requests

**Alma College Resident Computer Consultant** Fall 2017 to present

- Provided technology support for all dorms and facilities on South Campus
- Monitored South Campus printers, servers, routers, and other equipment

**Alma College Tutor** Winter 2015 to present

- Led small student study groups for math, computer science, and physics courses
- Provided one-on-one help for struggling students

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## Extracurricular Activities

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**Phi Mu Alpha Sinfonia** 2016 to present

- Vice President: Managed chapter committees and happenings to ensure a strong brotherhood
- Bylaws Chair: Reviewed chapter bylaws carefully; proposed revisions where necessary.

**Alma College Interfraternity Council** 2016 to 2017

- Collaborated with Student Life Office and campus fraternities to maintain a thriving Greek Life.

**Alma College Ultimate Frisbee Club** 2015 to present

- Team captain: Organized and lead practices and tournaments for the team.

**Alma College Math Club** 2015 to present

- Attended weekly meetings to plan math related campus outreach events.