

# Logan Bewley

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## EDUCATION

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- Georgia Institute of Technology**, Atlanta, GA May 2019
- Masters of Science Aerospace Engineering, BS/MS Honors Program
- Georgia Institute of Technology**, Atlanta, GA May 2018
- Bachelors of Science Aerospace Engineering, Georgia Tech Honors Program
  - Cumulative GPA: 3.60/4.0
- Georgia Institute of Technology Lorraine Study Abroad**, Metz, France Summer 2015
- Completed 10 Credit Hours in Math, Engineering, and Humanities

## RELEVANT COURSE WORK

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Space System Design, Spacecraft Flight Dynamics, Space Flight Operations, Experimental Methods in Aerospace, Control Systems Analysis and Design, Circuits and Electronics, Principles and Application of Engineering Materials, Engineering Graphics, Technical Communication, Deformable Bodies, Jet and Rocket Propulsion, Design and Systems Engineering Methods, Experiments in Fluid and Solid Mechanics, Computing for Engineers, among others.

## RELEVANT EXPERIENCE

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- Georgia Institute of Technology USIP Undergraduate Research** January 2017 – present
- Currently supporting research in Georgia Tech Space Systems Design Lab as Team Lead on the Electric Power System (EPS) team on the NASA Undergraduate Student Instrument Project (USIP) to develop LiDAR CubeSat for planetary applications.
- Southwest Airlines Maintenance Engineering Internship** May – Aug 2016
- Coordinated project to pair CFM56-7b engine fan blades to improve maintenance operations
  - Identified engines that required fuel nozzle replacement by analyzing engine maintenance events.
- NASA High School Aerospace Scholar (HAS) Program** Dec 2012 – May 2013
- Selected participant in NASA's Year-Round Math, Science, and Engineering Program. Included online instruction and discussions with NASA engineers, completion of math and engineering assignments, and research on subjects ranging from vehicle design to orbital mechanics.
  - Selected to participate in the Summer Research Program at NASA JSC. Worked with team members on Mars Mission Transport System Project.
- Southwest Research Institute Young Engineers and Scientists Program** June 2013
- Researched and presented on the principles of electric propulsion.

## SKILLS

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- Computer:** MATLAB, Systems Tool Kit, Cadence Allegro/Orcad, Visual Basic for Applications, LabVIEW, Microsoft Word, Excel, PowerPoint
- Languages:** English (Native Language), Japanese (Advanced), French (Basic)
- Communication:** Excellent verbal/written communication skills. Written technical reports, and presented to program directors, professors, peers, students
- Other:** Strong work ethic, ability to work with others, analytical and problem-solving skills

## ACTIVITIES/LEADERSHIP

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- American Institute of Aeronautics and Astronautics Georgia Tech Chapter Aug 2015 - Present
- Georgia Institute of Technology Student Alumni Association Aug 2014 - Present
- Habitat for Humanity Jan 2011 - May 2014
- Eagle Scout July 2011