

VINCENT D MOMOT

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660 Delbridge St NW
Atlanta, GA 30314

EDUCATION

- Iowa State University**, College of Engineering; Ames, IA Graduated *May 2020*
- Bachelor of Science in **Aerospace Engineering** with Minor in Business
 - GPA: **3.53**, (Cum Laude)
- Georgia Tech Full Stack Certification** Atlanta, GA Graduation: Feb 2022

SKILLS/SOFTWARE

HTML | CSS | Java Script | C | GitHub | Astrodynamics | Ballistic Missile Trajectory | Orbital Mechanics | SolidWorks | MATLAB | Wind Tunnel Testing | JIRA | Icy Wind Tunnel Testing
Structural ANSYS | Confluence | Quality Assurance | Marketing & Finance | Vibrations | Aeroelasticity

WORK EXPERIENCE

- Quality Engineering Intern-Universal Electronics Inc.** (2017 - 2018)
- Strictly followed testing instructions for GSM interference tests to ensure reliability in results
 - Created a nonlinear curve fitting model to equate specs from a 3-hour test to a 30-minute test
 - Prevented a product recall by fixing mislabeled serial numbers on an outgoing shipment
 - Assisted Universal Electronics in the Netherlands that needed keypad printing alignment data
- Teacher's Assistant for Flight Controls Systems** (2020)
- Kept the professor up to date on what material was difficult for the students
 - Transitioned smoothly to online grading after in person classes were canceled
- USPS Mail Carrier** (2020-2021)
- Learned 25 city routes to deliver customers their mail promptly
 - Moved to other stations after the workday was done to help all of Des Moines receive mail
 - Worked 85-hour work weeks in Chicago to help the city catch up with heavy mail volume

LEADERSHIP EXPERIENCE

- JARVIF Research at ISU -Project Lead** (2019)
- Led a team of six students to design and manufacture a 3-foot wingspan drone in six weeks
 - Kept the project on schedule after the timeframe to construct the drone was halved and a team member left
- Resident Assistant- ISU Department of Residence** (2017 – 2020)
- Supervised 50 residents in the house and led biweekly meetings
 - Coordinated with another staff member to plan events for 700 people

TECHNICAL EXPERIENCE

- Cardinal Flight and Boeing Electric Flight** (2017 - 2018)
- Developed creative solutions for transporting an 18' wide aircraft
 - Manufactured a carbon fiber rib and spar wing to decrease weight and maintain strength
 - CAD modeled a motor mount in Solidworks that would fit into interchangeable wing designs

HONORS AND AWARDS

Eagle Scout; College of Engineering Dean's list; 1st place in LTA competition; NASA Hunch Program; Cross Country, Swimming, and Track: Team Captain and State Qualifier; Graduation Speaker; NHS