

VINCENT D MOMOT

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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
• 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