

**Sean A Thomas**  
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(225)747-0524 | Thomas.Sean.A@gmail.com | [www.SeanAThomas.com](http://www.SeanAThomas.com)

Dear Hiring Manager:

I am writing to express my interest in post graduate employment. I have had interest in aviation since my dad had built and flown several homebuilt aircraft. Last summer I was able to ride in a Van's Aircraft RV-6. (A short video clip is on my website.) From an early age I have had the privilege of visiting Stennis Space Center no less than 8 times, Johnson Space Center twice, and most recently Kennedy Space Center. I was able to attend a summer camp at Stennis as a high school student sparking an interest in programming, thus CAD is one of my favorite areas of mechanical engineering. I am proud of my **988 hrs of community service** and I am a patriot with unwavering support for our military. I would be pleased to work for a company that holds similar values of giving back to the community, and supporting military families and veterans.

As a student with a passion for the defense and aerospace industry, I would appreciate your consideration and ask that you review my education and experience which make me a valuable employee.

As a senior in majoring **Mechanical Engineering** and minoring in **Aerospace Engineering**, with a **graduation date of May 2020**, I look forward to a career in the field of aerospace and defense.

My relevant qualifications include:

- **Currently enrolled** in a **Bachelor of Science** degree program from an **ABET Accredited University** majoring in **Mechanical Engineering** with **demonstrated academic excellence** with a **GPA of 3.05**.
- **Excellent written and verbal communication skills** having developed and delivered presentations clearly to small groups as well as presenting to groups of up to 200.
- **U.S. Citizen, eligible to obtain U.S. Security Clearance.**
- **Leadership experience** - having planned and led a 4 man expedition for 5 days through the Boundary Waters Canoe Area.
- **Community involvement** having earned both state and national recognition for community service in addition to The Congressional Award.
- Relevant Skills and Coursework: **Mechanics of Materials, Thermal Science Lab, Instrumentation & Measurements, Matlab, SolidWorks CAD design tool**, Familiar with **Design and Fabrication**, Experience with **MS Office tool suite**, Basic Fabrication, MIG Welding.
- Active participation in extracurricular and on-campus activities.

My record of schoolwork, Pathways internship with the U.S. Air Force, and volunteer activities demonstrate attributes that make me a valuable employee. Thank you for taking the time to review my resume and consider me for this position. You can contact me with any questions by emailing me at [Thomas.Sean.A@gmail.com](mailto:Thomas.Sean.A@gmail.com) or by phone at (225)747-0524. If you have a free moment, I encourage you to learn more about me by checking out my website [www.SeanAThomas.com](http://www.SeanAThomas.com). It will give you a great idea of the work I have accomplished, the experiences I've had and most importantly, the type of person you'll be getting if you decide to hire me for this position.

I look forward to the possibility of discussing this opportunity with you.

Regards,

Sean Thomas  
[www.SeanAThomas.com](http://www.SeanAThomas.com)

# SEAN ALEXANDER THOMAS

1076 Clipper Dr., Slidell, LA 70458  
<https://www.SeanAThomas.com>

U.S. Citizen

225-747-0524  
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Open to Relocation

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**EDUCATION** LOUISIANA STATE UNIVERSITY, Baton Rouge, LA  
Bachelor of Science, Degree Candidate **Mechanical Engineering** major, **Aerospace Engineering** minor, **GPA: 3.056/4.0**  
**Graduation Date: May 2020**

**RELEVANT COURSEWORK** Mechanical Engineering Dynamics with Lab, System Dynamics and Modeling, Stress Analysis in Mechanical Engineering, Mechanical Engineering Machine Design Lab, Thermal Science Lab, System Dynamics and Modeling, Mechanical Vibrations, Strengths of Materials, PADI Certification, Capstone Design, Solidworks, MatLab, MIG Welding

**TEAM PROJECTS** Chosen as Team Lead for Capstone Design Project-Hydraulic Bicycle: Design and Manufacture chain-less hydraulic powered bicycle.  
Adaptable flip-top BBQ grill accessory. Designed detailed drawings using Solidworks; Contributed to the conceptualization and final report; Oral and PowerPoint presentations.

**WORK EXPERIENCE** **United State Air Force, AFPC/DP2YRA (Robins AFB, GA)** May 2018-Dec 2019  
Pathways Intern - Student Trainee (Engineering) GS-0899-05, 40hrs/wk  
May contact supervisor: Karla Landry or Lisa Earls 478-222-0609

- Reverse engineered Pylon tooling for Northrop Grumman E-8 J-STARS in order to prepare Warner Robins Air Force Base to service E-8 J-STARS.
- Investigated inaccurate temperature readings from hot bonding kit and eliminated hardware, software versions, and date of manufacture as cause.
- Experience with purchasing and acquisitions, procedures for granting base access, communicated and coordinated with corporate suppliers to obtain quote on reproduction of industrial shelving.
- Converted warehouse paper inventory system to Microsoft Access creating a database system that is intuitive and dynamic, that is still in use.

**Louisiana State University, Baton Rouge, LA** August 2015 - May 2016  
Resident Assistant, 20hrs/wk

- Coordinated 5 Events for 50 students, Mediation & Conflict Resolution, Managed Budget, Interdepartmental Coordination, Initiated and Coordinated Volunteers for Community Programs

**SKILLS TECHNICAL & COMMUNICATION** Technical: Solidworks, MATLAB, Microsoft Access, Visual Basic, Microsoft Office, Basic Fabrication, MIG Welding, PADI Certified.

Communication: Communicated with corporations on behalf of Warner Robins AFB. Experienced in teamwork in both a professional and academic settings; Verbal presentations to over 200; Experienced in Performing Arts.

**ACTIVITIES & HONORS** Congressional Award Gold Medal recipient (2019)-988 hours over five years for Service, Personal Development, Fitness, and Expedition.  
ASME-LSU-Member 2015-Present; Air Force ROTC-LSU, 2014-2015;  
Tae Kwon Do -3rd degree senior black belt, Black Collar Senior Instructor Certification; Northshore Karate Studios, Senior Instructor Ballroom Dance, Covington, LA Instructor

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