

Your Name

Name@my.fit.edu
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Melbourne, FL 32901
321-555-1234

Education

Florida Institute of Technology, Melbourne, FL May 2024
Master of Science, Aerospace Engineering, GPA 3.58

Hindustan University, Chennai, India 2020
Bachelor of Science, Mechanical Engineering

Skills

Technical: AutoCAD, PTC Creo, ANSYS, SolidWorks, Open Rocket, ANSYS, Simulink, MS Office
Other: Teamwork, Leadership, Customer Service, Adaptability

Research Experience

Florida Institute of Technology, Melbourne, FL Jan 2023 - Present
Research Assistant

- Generated 3D solar biodiesel processor model and components on SolidWorks, including electric motor and tubing assemblies
- Conducted in-depth research regarding use of orange peel as potential biofuel for gas turbine applications
- Displayed the temperature of sensors connected through data acquisition using Simulink
- Carried out fluid mixing and thermal heating of fluid through ANSYS Fluent software

Work Experience

ABC Engineering Company, Melbourne, FL May 2023 - Aug. 2023
Engineering Intern

- Designed 3D drawings and bill of materials on SolidWorks for various high and low volume nozzles, air compressors, sheet metals and tubing assemblies.
- Inspected materials for corrosion or deterioration as well as for product quality and feasibility.
- Created mechanical and electromechanical projects to customer specification.
- Improved manufacturing process by creating new design and modification of manufacturing equipment.

XYZ Equipment Ltd, India June 2020 - July 2022
Quality Inspection Engineer

- Conducted primary failure analysis on parts and machinery returned by customers using visual observation, dimensional checking and metallurgical testing using CFT
- Simulated failure in house or at supplier to determine root cause of failure.
- Visited customer sites and dealers when necessary for further analysis and usage patterns.
- Reported findings and recommendations for design modifications to upper management

Co-curricular Activities

- Society of Women Engineers (SWE) - Treasurer
- The American Institute of Aeronautics and Astronautics (AIAA)
- Florida Tech Indian Student Association