



About ThermAvant Technologies

ThermAvant Technologies (ThermAvant) is a fast-growing engineering and manufacturing firm. We design and produce advanced heat sinks and heat spreaders based on the Oscillating Heat Pipe (OHP) technology and pumped microchannel cold plates for high power density applications. ThermAvant, founded in 2007, operates from a 33,000 sq. ft. facility in Columbia, MO and is AS9100 certified, ITAR compliant and primarily serves the aerospace, defense and opto-electronics sectors.

Role: CAD Technician Designer (on-site)

Description

ThermAvant is seeking a full-time CAD Technician Designer to prepare models and drawing, consult with our Engineering team on part manufacturability and work successfully to manufacture thermal management solutions.

Key Responsibilities

- Prepare part files for design projects under direction of engineering colleagues
- Research and assist engineering colleagues to increase manufacturability of products
- Maintain and update CAD files and drawings as needed
- Coordinate manufacturing
- Document testing procedures and date for custom thermal management devices and test equipment
- Periodically support inspection of incoming parts for manufacturing flaws and tolerance specifications

Job Requirements

APPLICANT MUST PROVIDE PROOF OF US CITIZENSHIP or US PERMANENT RESIDENCY

- Degree in Mechanical Drafting and Design or comparable 2-year program, or equivalent industry experience
- 1-2 years' experience in Mechanical Drafting with a good understanding of GD&T
- SolidWorks experience preferred
- Experience working with a machine shop
- Able to assess producibility, identify manufacturing flaws and tolerances in parts
- Able to work in a demanding, fast-paced environment
- Experience recognizing mechanical dysfunctions
- Meticulous attention to detail
- Work with minimum supervision
- Work occasional overtime to meet operational deadlines
- Prior experience with tooling design a plus

Salary and Benefits

For full-time employees, ThermAvant offers competitive salaries, a performance-based bonus plan, health, dental, and vision insurance, paid vacation and sick leave, and paid holidays.

Please send resume to careers@thermavant.com