COMPANY OVERVIEW

Founded in 1946 and headquartered in Milford, New Hampshire (USA), Hitchiner Manufacturing Co., Inc. is the premier supplier of complete-to-print, high-volume, complex thin-wall investment castings and fully-finished casting-based subassemblies and components to industry. The company leads the industry in volume production, reduced lead-times and just-in-time manufacturing. Hitchiner produces castings in hundreds of different alloys for a broad spectrum of global markets and customers that include the leaders in the automotive, aerospace, and other industries.

INTERN – Metal Casting Technology

1 position available

This summer engineering internship opportunity will be working in the Metal Casting Technology center of Hitchiner Manufacturing.

The internship will be comprised of project-based assignments to include but not limited to:

1) Design and develop a wireless data acquisition system to collect mold temperature and contact data for a mold cast using C3. A rough concept has already been developed.

2) Support further mold data collection work for ProCAST validation.

3) Repair the slurry tank monitoring data acquisition system at MCT.

4) Support the MCT training program through compilation, standardization, and development of course materials.

Qualifications

- Engineering degree candidate in Mechanical, Electrical, Materials or Chemical.
- Completion of sophomore or junior year by May 2013.
- Required software experience: SolidWorks and CAD.
- Computer simulation experience including but not limited to multi-physics toolkits, computational fluid dynamics and heat transfer.
- Desired software experience: LabVIEW (C#), Visual Basic, and ProCAST.
- Knowledge of investment casting desired.

HOW TO APPLY

- Apply online through Hitchiner’s career site:
  
  https://www.smartrecruiters.com/HitchinerManufacturingCoInc

- Please be include resume along with cover letter, to include salary requirements.
- No phone calls please.