

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