



SI2 Technologies, Inc.

**267 Boston Road
N. Billerica, MA 01862**

Mechanical, Materials & Additive Manufacturing Group- Engineering Intern

SI2 Technologies, Inc. (SI2) develops, delivers and supports advanced electronic systems, particularly sensors, antennas, arrays and absorber systems, for our customers in the defense and aerospace markets. In the defense market, our solutions enhance the warfighter's effectiveness while providing increased protection against current, new and emerging threats. Our current portfolio of projects includes leading edge programs developing flexible, conformal and low-profile electronic systems for DARPA, Air Force, Navy, and Army.

SI2 is seeking highly inventive and motivated candidates for a summer engineering internship/co-op position in our Mechanical, Materials & Additive Manufacturing Group. To be successful in this position, candidates must be innovative, enjoy learning and expanding their knowledge base, and thrive on solving challenging design, materials and/or process issues. In addition, good written, oral and presentation skills are required to properly define and understand the problem and potential approaches to solving it. SI2 will provide hands-on training and mentoring in the above activities to ensure a successful experience for both the engineering intern and SI2.

Potential project work includes the following:

-)] Designing, modeling and manufacturing of 2D and 3D printed parts—such as printed antennas and flexible electronics—to support ongoing R&D programs.
-)] Materials and performance testing of the 3D printed parts.
-)] 3D printer filament fabrication.
-)] Team meetings to discuss the work performed in the previous week and plan for the following week.
-)] Internal presentations and written reports on results, progress, issues and potential approaches.

Skills and Experience

The successful engineering intern candidate will have the following qualifications:

-)] Due to the nature of our work, **US citizenship is required.**
-)] Enrolled in a mechanical, electrical, plastics, software, physics, chemistry, materials or other relevant engineering or science program.
-)] Aptitude for learning new software tools and analysis techniques.
-)] Proficient with Microsoft Office (Word, Excel, PowerPoint).
-)] Good organizational, presentation and writing skills; Self-motivated, creative, open to new ideas; Enjoy teamwork and excel in a dynamic multi-tasking environment.
-)] Knowledge of 3D printers, particularly FDM-style 3D printers, is a plus.
-)] Machine shop experience is a plus.
-)] Soldering experience is a plus.

To Apply for this Position

Please send your resume and statement of citizenship to jobs@si2technologies.com.