



## R&D Design Engineering Intern

Do you have an interest in working with microcontrollers and circuits? Our research team at MR-Link (a Purdue-affiliated company) is working on exciting new developments in the medical device field. We are offering a paid internship position for undergraduate students with keen interest in device development, testing and manufacturing.

This is a very exciting opportunity for students with previous design experience. We look forward to working with you to further enrich your skills and provide you with a solid research exposure.

**Please forward your resumes to [salesatmrlink@gmail.com](mailto:salesatmrlink@gmail.com)!**

### Company Overview:

MR-Link aims to deliver novel, MRI-compatible medical devices for physiological recording and stimulation based on technologies developed at Purdue University. Imaging, recording, and stimulation are complementary ways to study the structures, functions, and pathologies of the brain. Our products are unique, affordable, and offer a scalable solution to integrate multiple diagnostic imaging techniques and their respective benefits. The company's long-term goal is developing its technology to deliver an affordable and MRI-compatible EEG system to the clinical human market. The path the company will take to reach this goal is to primarily cater its products to the animal research market to refine the technology for clinical trials, FDA approval process, and ultimately meet the standard required in the clinical setting for human subjects. We at MR-Link believe that our technology will accelerate the progress in the understanding, diagnosis, and prevention of various brain disorders and enable researchers and clinicians to develop novel treatment plans with improved success rates and a better quality of care for patients.

### Responsibilities Will Include:

- Designing circuit layouts
- Fabricating PCB's and Soldering components
- Hardware debugging and testing
- Perform experiments
- Operate animal MRI scanner
- Gather data and documentation

### Qualifications:

- Strong analytical and quantitative abilities with strong communication skills
- Solid understanding of electrical circuits (passive and active).
- Must be currently available and authorized to work for any company in the USA.
- Additional Information:
  - You will participate in training during the first two weeks of your internship. This training program will expose you to our culture and provide you with a knowledge base to draw upon throughout the remainder of your internship and beyond
  - Compensation – Interns receive a competitive hourly salary depending on the skill level
  - Rewards – Interns who successfully complete the program may be considered for full-time employment