

## Design Engineer Intern

If you're already thinking about next summer, we're looking for biomedical, mechanical, electrical, and computer engineering interns to join our team for the summer. In this role, you will work with a diverse group of design engineers to transform ideas into prototypes and prototypes into finished products for the medical device and defense industries. The ideal candidate will have creativity, broad technical knowledge, and the irresistible desire to dig into challenging problems. We believe work experience is an important part of an engineer's education, so we offer interns exposure to all aspects of the product development process and plenty of opportunities to get hands-on in the Workshop. We also offer a flexible workplace to help our employees balance work, family, and personal interests.

### Essential duties include:

- Creatively apply high-level design principles to problem solving
- Design and build prototypes and test performance
- Perform detailed calculations and analyses
- Create documentation of design, technical analyses, and test results
- Develop electro-mechanical devices, integrating off-the-shelf and custom parts
- Communicate effectively with colleagues, project managers, and clients

### Job Qualifications:

- Experience using SolidWorks 3D CAD software
- High level of interest in designing and fabricating prototypes
- Experience tinkering, voiding warranties, and working with tools
- Rising Senior Biomedical, ECE, Mechanical Engineering undergraduate or Master's student from an ABET-accredited University program.

Root3 Labs<sup>SM</sup> is a small engineering and product development company in Owings Mills, MD specializing in the design, prototyping, and commercialization of complex devices for the medical device and defense industries. We work closely with our customers, vendors, and associates to bring custom solutions to the most technically challenging problems.

For more information and to submit an online job application, visit <http://www.root3labs.com/about/careers/apply-now/>