



*Silver Side Detectors helps governments reduce the threat of nuclear terrorism. We're a bootstrapped, product-led startup, working with federal and commercial customers to translate the best science into practical, user-oriented technology solutions.*

**Team and Culture:** Silver Side is a diverse team of scientists, engineers, and business experts all united around keeping our world healthy and safe. We collaborate generously, learn voraciously, execute with tenacity, build on our mistakes boldly, and go home at the end of the day—we love our work, and we keep room for the rest of life.

**Position:** Mechanical Engineer

**Location:** 117 Beaver Street, Waltham, MA 02452

**Job Description:** As a Mechanical Engineer at Silver Side, you will get to see and support the full product lifecycle of detectors and related products. You will be involved in iterative design, testing, and manufacturing work with a multi-disciplinary team. Silver Side is a growing company and the only guarantee is that there will be surprises and opportunities that emerge, over and above the below-listed responsibilities. The ability to grow and learn with a work ethic to match is the most critical requirement for this position.

**Initial and ongoing responsibilities:**

- Design, prototype, and test new mechanical and electro-mechanical devices
- Integrate electronic devices and IoT sensors with detector hardware
- Test and characterize detector equipment, including: test method development, design of test fixtures and jigs, experimental setup, and analysis
- Support for manufacturing process development, quality control, design for manufacturability and assembly, new product introduction and ramp-up.

**Basic Requirements:**

- Ability to learn quickly and work both independently and as part of a team
- 3D CAD and drafting experience (Onshape familiarity or certification is a plus)
- Electro-mechanical engineering or electronics experience
- Prototype and machine shop experience; mechanical aptitude and hands-on skills
- Programming and data analysis: Python, Matlab, Arduino, etc.
- Manufacturing experience preferred
- 0-4 years of experience with an undergraduate degree in Mechanical, Electro-mechanical, Mechatronics, Manufacturing, or Industrial Engineering

**Salary and Benefits:** Salary is commensurate with ability and level of experience. Full Benefits, including paid leave, health and dental insurance and employee stock options, are offered for full-time hires.

**Contact:**

Submit cover letter/resume to [jobs@sside.co](mailto:jobs@sside.co)

*All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin*