

About ARC Impact Acquisition Corporation

Arc Impact Acquisition Corporation, the owner of the Desktop Metal® brand and products, is pioneering a new generation of additive manufacturing technologies focused on delivering innovative solutions to engineers, designers, and manufacturers. We offer a comprehensive portfolio of integrated hardware, software, materials, and services. At Arc Impact, we believe additive manufacturing—commonly known as 3D printing—is one of the most transformative technology innovations of our time.

We are building a high-performing, collaborative organization focused on innovation, execution, and delivering value to our customers.

Mechanical Engineer I - Product Development

Arc Impact is seeking a motivated early-career Mechanical Engineer to join our Product Development team. This role will support the design, development, and continuous improvement of complex electro-mechanical systems, including additive manufacturing platforms and related hardware.

The ideal candidate is hands-on, detail-oriented, and eager to contribute across the full product lifecycle, from concept and prototyping through production and sustaining engineering.

Responsibilities Include:

- Support the design and development of mechanical components and assemblies for complex capital equipment
- Create and maintain 3D CAD models and detailed engineering drawings using SolidWorks
- Collaborate with cross-functional teams including electrical engineering, software, manufacturing, and quality
- Participate in design reviews, testing, and validation activities
- Assist in prototype builds, testing, and troubleshooting of electro-mechanical systems
- Support failure analysis and root cause investigations, and implement corrective actions
- Contribute to engineering documentation, including BOMs, ECOs, and technical reports
- Assist in transitioning new designs into production and supporting sustaining engineering efforts

Basic Qualifications:

- Bachelor's degree in Mechanical Engineering or a related technical discipline (e.g., Aerospace Engineering, Materials Science, Mechatronics)
- 0–4 years of experience in mechanical design, hardware engineering, or a similar role, including internships or co-op experience
- Proficiency in 3D CAD modeling, with demonstrated experience using SolidWorks
- Strong foundation in mechanical engineering principles, including mechanics of materials
- Working knowledge of electro-mechanical system integration
- Familiarity with engineering tools and processes such as FEA, PDM/PLM systems, and engineering change management

Preferred Experience & Skills:

- Experience or strong interest in the design and development of complex capital equipment (e.g., additive manufacturing systems, industrial machinery, or similar hardware)
- Exposure to both new product development (NPD) and sustaining engineering environments
- Experience with failure analysis, troubleshooting, and implementing design or process improvements in existing products is a plus
- Demonstrated ability to execute engineering projects through professional experience, internships, academic work, or hands-on prototyping
- Strong analytical and problem-solving skills, with a willingness to engage across the full product lifecycle
- Collaborative mindset with the ability to work effectively across cross-functional teams
- Eagerness to learn, take initiative, and contribute in a fast-paced, evolving environment

An Equal Opportunity Employer

At Arc Impact Acquisition Corporation, innovation is at the core of our DNA. And we believe ground-breaking discoveries are born from diverse teams with unique backgrounds and experiences. We are an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other protected characteristic under applicable law.

Salary Range:

\$70,000 - \$80,000, annually, depending on experience and qualifications.

This role is eligible for a comprehensive benefits package including: health, dental, vision, 401(k), and more.