



## Mechanical Technician

The rise in vehicle and equipment lightweighting has propelled aluminum and additive manufacturing into every manufacturer's weight reduction strategy. However, high costs and slow build speeds are preventing powder-based aluminum technologies from scaling to production. Alloy's novel method provides the on-demand flexibility of additive manufacturing with the unit cost of casting. This will transform the aluminium-heavy industries by offering a step change in manufacturing and design efficiencies.

The team consists of startup veterans who are no strangers to hard tech. We are looking for a hard working and highly skilled technician to join our team. The candidate will build parts, run experiments, and perform assembly tasks. Flexibility, a strong work ethic, the desire to provide a helping hand to teammates, and "wearing many hats" will all be essential skills for a successful applicant. As the company grows, the candidate's roles and responsibilities may change. Alloy considers the professional development of its employees a top priority and will work with employees to create fulfilling roles.

### What you will do:

- Clean and prepare metallographic samples, use a microscope for visual inspection
- Run experiments and mechanical tests, record results according to procedures
- Run lab instrumentation for R&D purposes
- Run machining equipment to fabricate parts and components
- Assemble mechanical and electrical components using hand and power tools
- General lab responsibilities: shipping and receiving, inventory reporting, ensuring machine and equipment uptime
- Follow all shutdown procedures, including clean up of work areas
- Provide feedback to engineers on procedure pain points or desired improvements
- Perform basic repairs, cleaning, and maintenance to building and equipment
- Operate material handling equipment as authorized: lifters, carts, and pallet jack etc.
- All other duties as assigned and providing a helping-hand to teammates when needed

### Preferred Skills\*:

- History of completing tasks efficiently, effectively, and with good attention to detail
- 5+ years industry experience
- Comfortable working with your hands and running equipment safely
- Experience working in a team environment and providing feedback to engineers
- Prior experience operating lab equipment such as instron, hardness tester, microscope
- Worked with manual milling/turning or CNC milling machines
- Experience with proper PPE for material handling
- Practices good lifting techniques
- Maintain an organized, safe, and clean environment at all times

\*These qualifications are meant to serve as guidelines for who should apply, but do not encompass all attributes or skills that could make you a great fit. We encourage interested candidates to apply even if they do not meet all criteria, especially women or other underrepresented groups who, according to [research](#), may otherwise hesitate.