Battery Engineer Role

We're seeking a **hands-on Battery Engineer** to lead development of high-power aluminum-air batteries. You'll take materials from lab-scale tests through to scalable, manufacturable products by working closely with battery manufacturers and Universities. This is a highly technical, execution-focused role with direct impact on drone energy systems.

Responsibilities:

- Design and prototype single-layer aluminum-air batteries.
- Fabricate and test cells using various electrochemical setups.
- Transition lab-scale innovations into scalable, production-ready systems.
- Collaborate with external manufacturing partners to develop roll-to-roll processes.
- Own pouch cell development including design, sealing, and performance validation.

Mechanical Drone Engineer Role

We're building drones for defense applications — and we're looking for a **mechanical engineer / systems builder** who thrives in fast iteration cycles. You'll own the full stack: from mechanical design to firmware architecture. This is a role for a maker with technical range and curiosity.

We are looking for someone who can design, build, and set up small drones using 3D printing, CAD, and embedded systems. The ideal candidate is a **maker, engineer, or hobbyist** with experience in drone assembly, wiring, soldering, software setup, and troubleshooting. They should be comfortable working independently, solving technical challenges, and pushing boundaries in drone design.

Responsibilities:

- Design and prototype drones using 3D printing and CAD software.
- Assemble and wire flight controllers, ESCs, motors, batteries, and sensors.
- Solder small electronics and troubleshoot electrical issues.
- Set up and configure firmware, tune flight controllers, and optimize performance.
- Architect a minimal, custom flight stack — no Raspberry Pi or ArduPilot.
- Design custom PCBs and integrate them into compact systems.
- Work independently on rapid iteration cycles.
- Support navigation in GPS- and radio-denied environments.

AI

For these positions, at least one person should also understand AI platforms on the edge and be able to integrate this with Anduril's Lattice mesh system.