

Full-time Technician/Fabricator: Volute Conformable Hydrogen Tanks

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Otherlab is an independent research & development laboratory situated in the heart of San Francisco's Mission district. Our team is a group of creative and talented engineers, scientists, and technicians. We foster an intellectually stimulating work environment and take pride in our joyful approach to engineering and our commitment to work-life balance.

Volute, a spin-out of Otherlab, is developing a new technology: a conformable gas storage tank for hydrogen fuel-cell vehicles. Our technology will lower the cost of fuel cell vehicles, increase their driving range, and reduce the overall space occupied by the fuel tank to make fuel cell vehicles a more viable alternative to gasoline and diesel vehicles. We hope to make a significant contribution to reducing the emissions of the transportation sector.

We are seeking a **full-time Technician/Fabricator** to join our team. The technician will have four primary responsibilities:

1. Test prototype tanks following procedures developed by our engineering team
2. Fabricate machines and fixtures in support of our tank testing and prototyping efforts
3. Maintain and repair test equipment
4. Fabricate prototype carbon fiber composite tanks

The successful candidate will:

- Carry out complex projects with minimal supervision
- Follow testing procedures precisely
- Fabricate parts from both engineering drawings and rough sketches
- Maintain and repair test equipment with a commitment to minimizing downtime
- Offer insightful, practical feedback to mechanical engineers on the feasibility of their designs
- Express technical ideas clearly when speaking and when writing
- Help maintain a clean, safe, and organized work space

This position comes with excellent health benefits. Salary will be commensurate with experience.

Volute and Otherlab are committed to a diverse and inclusive work environment. Women and minorities are strongly encouraged to apply.

Required Skills and Experience:

- A minimum of 5 years of relevant professional experience
- Mastery of a variety of CNC and manual machine tools (mill, lathe, waterjet, etc.)
- Comfort using computer-controlled test equipment
- Experience diagnosing and repairing mechanical systems
- Proficiency with CAD and CAM software; Solidworks preferred

Ideal candidates will also have experience in one or more of:

- Mechanical design and prototyping
- Fabricating fiber composite parts
- Pressure vessel design, fabrication, and testing
- Repair and maintenance of high-pressure test equipment