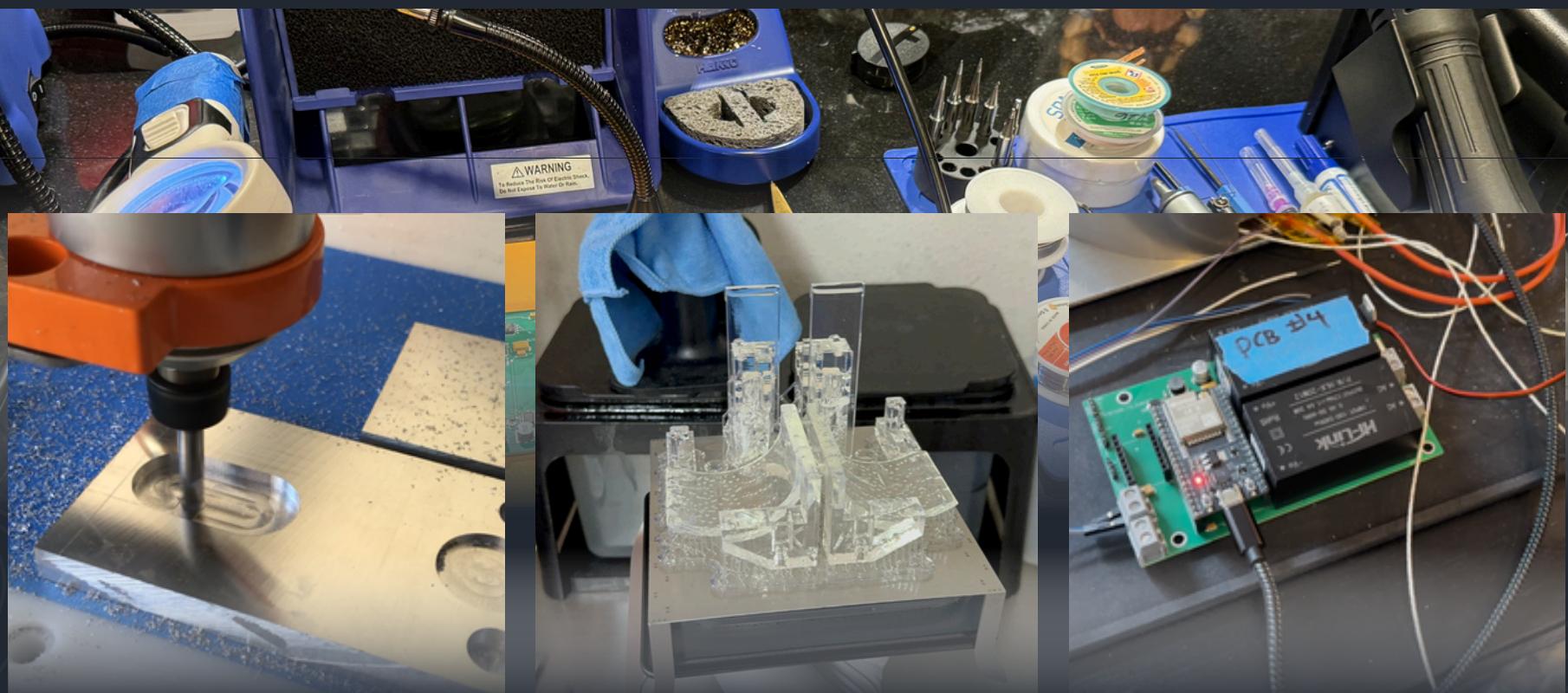


# Internship Program

## Hardware & Robotics Startup

Get hands on with developing a consumer product!



### Who Can Apply :

- High School Students
- College Students
- Recent Graduates

### Benefits :

- Learn what goes into developing a smart IoT device
- Gain or enhance your skills in mechanical engineering: 3D printing, CNC machining, CAD design, robotics, and more.
- Gain or enhance your skills in electrical engineering: circuit board testing, soldering, Arduino coding
- Have direct input on a consumer product

### Highlights:

- Hands on experience with a real hardware product
- Increase your engineering XP
- 2 Week Program (June 3-14)

Application Deadline :  
**May 29, 2024**

Apply at:

[fremont3dprinting.com/internship](http://fremont3dprinting.com/internship)

Questions? Email Arjun Mehta:  
✉ info@fremont3dprinting.com

## **Summary:**

Fremont 3D Printing & Prototyping is a Bay Area Startup developing a small robotic kitchen appliance. We are currently in the prototyping phase and preparing to manufacture and test our first batch of units. This is a unique opportunity to get hands on experience in a hardware startup developing a real consumer product.

In this internship, you will get to prototype, test, and build a hardware device under the guidance of a mentor.

## **Skills You Will Learn or Improve:**

- 3D Printing and Post-Processing: FDM printing, SLA printing, washing, and curing
- CNC Machining: programming cutting operations for cutting metal
- 3D CAD Design: Creating and editing designs using Autodesk Fusion
- Software/Coding: modifying C++ code, uploading and testing on Arduino boards
- Circuit board testing
- Using Stepper motors and drivers
- Using gears and actuators
- Soldering
- Sanding
- Thread Tapping
- Drilling
- Metal bending
- Resin dip coating
- Wire stripping
- Crimping
- and more

## **Requirements**

- No experience required, but an inclination towards engineering is a plus
- A positive attitude and willingness to learn, take initiative, and contribute
- Strict adherence to all safety training (PPE will be provided)

## **Duration & Location:**

- Machine Shop/3D Printing Lab in a Home Office in Warm Springs, Fremont
- June 3rd - June 14th (Weekdays)

Note: This is an unpaid internship with an emphasis on providing education and training on engineering skills while participating in a real project. No promise of future employment is being made.