

Mechanical Engineer

Sensel is seeking to hire a self-starting, enthusiastic, and creative Mechanical Engineer to design and develop electromechanical systems for Sensel's product lines, based on the world's most advanced touch technology.



Responsibilities

- Own parts from design, quality, reliability, through volume manufacturing.
- Create 2D and 3D design documentation using Solidworks.
- Create tolerance stack-ups.
- Prepare RFQ packages for new parts and products.
- Travel to Asia to perform first article inspections, including and not limited to cosmetic, functional, and dimensional.
- Evaluate overseas factories for capability, relationship, and fit.
- Work with our CM to design and implement test fixtures, assembly jigs, and solve the various technical issues that arise.

Requirements

- BS degree in Mechanical Engineering
- Experience with both hands-on prototyping and sending out for machined/3D printed/etc prototypes.
- Familiar with or able to quickly learn manufacturing processes such as injection molding, stamping, converting, compression molding, etc.
- Familiarity with reliability, cosmetic specs, the QA process, and standard mechanical test methods.
- High quality technical communicator. Able to distill and communicate technical issues to non-technical team members and management
- Ability to self-manage and deliver according to a schedule
- Up to 25% travel

Bonus Skills

- Experience with finite element analysis of contact problems
- Experience with PLM systems
- Experience managing overseas suppliers
- Rigorous statistical tolerance analysis
- Have designed at least one successful high volume, mobile product from concept/architecture through mass production

About Sensel

Sensel is a VC-backed startup based in Mountain View, CA. It was founded in 2013 by Ilya Rosenberg and Aaron Zarraga. The focus of the company is to develop the next generation of input devices utilizing their patented Pressure Grid technology. Pressure Grid technology enables new user interactions through the added dimension of multi-touch pressure. Sensel launched its first device, the Sensel Morph, on Kickstarter in mid-2015, closing the campaign at over 700% of the original goal and is now focused on production of the Morph as well as developing third party applications of Pressure Grid Technology.