

# Materials and Processes R&D Engineer

## The Company:

At Tanvas, our mission is to make your interactions with touchscreens more interesting, more natural, and more engaging. We have developed a novel “haptic” touchscreen technology that not only tracks the fingertips, but controls what they feel: textures, edges, collisions, and even the illusion of shape on a featureless glass panel. We are developing an extensive set of tools that developers can use to paint haptics to the screen, when and where they want, and to integrate haptics tightly with graphics and audio. We are developing applications in numerous markets including automotive, advertising, entertainment, and consumer electronics.

## The Job:

We are seeking a full-time scientist/engineer to participate in developing our next generation products. This position will be a part of Tanvas’s core technology team and will be applying our electroadhesion-based haptic technology in novel contexts that go beyond traditional touchscreens. The work is highly interdisciplinary, bringing together materials science, manufacturing processes, electrostatics, mechanics, tribology, and human touch perception. Considerable amounts of travel will also be part of the job since key vendors are located all across the globe.

## What you will need:

- PhD in materials science or a related field (MS acceptable for exceptional candidates)
- 5+ years of R&D experience

## Strong knowledge and experience with:

- Electrical and mechanical properties of thin films
- Manufacturing processes for thin films (including R2R)
- Relationship of processing, structure and material properties to engineering performance
- Polymers, metals, ceramics and composite materials at macro, micro and nano scales

## Experience with the following is a bonus:

- Touch screen or trackpad industry
- Supplier audit and qualification
- Customer engagement

## The Next Step:

Email your resume to [jobs@tanvas.co](mailto:jobs@tanvas.co) *Note: You must have valid U.S. work authorization*