

Solchroma Technologies builds Smart Sustainable Surfaces with the world's most vivid, light pollution-free digital display platform.

Solchroma enables large-format, outdoor digital communication with a printed look. Our displays are vivid and reflective, working with sunlight rather than against it to consume as little as 1% of the energy of an LED sign. We enable our customers to access the benefits of large-area digital without the Las Vegas look.

Solchroma is looking for a Process Engineer to join our team. This talented individual should be comfortable working in a fast-paced startup environment, as we develop cutting-edge solutions for multiple industries with a unique core technology platform. You will help support the design and development of our digital sign modules and take them to maturity.

#### The Job:

- Provide design input to ensure manufacturability to achieve volume and cost targets
- Assist with prototype construction and tooling, as well as process and design refinement
- Develop process documentation including routers, BOMs, and procedures
- Design and build fixturing to facilitate the assembly of prototypes
- Work with contract manufacturers to develop pathways to volume manufacturing
- Implement manufacturing systems for material storage and flow, labor tracking, and yields
- Implement SPC and other process controls to monitor and react to changes in throughput and yields
- Occasionally extend beyond your role to support broader product and process development efforts

#### Requirements:

- Bachelor's Degree in an Engineering discipline, including Mechanical Engineering, Manufacturing Engineering, or Chemical Engineering
- Minimum of 5 years of experience working in a production environment, ideally 10+ years in a relevant role
- Experience applying multiple engineering disciplines creatively, including mechanical, electrical, and process, to develop unique solutions to manufacturing and assembly challenges
- Experience scaling up and transferring processes from research and development into production
- Experience working with and manipulating soft materials, adhesives, polymers, and liquids, including device assembly techniques
- Knowledge of process control techniques for the reduction of variation and process optimization
- Ability to work with minimal supervision to see a project through to completion

- Ability to clearly and consistently document processes and experiments; detail oriented
- Ability to clearly communicate and work with others within a small team
- Located in the greater Boston, MA area

Desired:

- Experience with displays or related systems
- Familiarity with building multilayer assemblies, manually and with automation
- Knowledge of LEAN tools and waste reduction practices
- Previous experience in a startup environment
- Fluency in SolidWorks or similar CAD software
- Experience working with 3D printers

Benefits:

- Solchroma offers a competitive benefits package including health/dental/vision insurance coverage, 401(k) match, paid vacation, and paid holidays

We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, gender identity, sexual orientation, age, marital status, veteran status, or disability status. Even if you don't check every box, but see yourself contributing, please apply. Help us build an inclusive community that will change how we view and interact with our surroundings.

Why Work Here?

Sustainable Smart Surfaces are in our future. Help take a disruptive new technology to fruition.

Address

12 Dunham Road  
Billerica, MA, USA

Industry

Manufacturing