



morphotonics

Job opening for (Sr.) Mechanical Engineer

Who we are

Morphotonics B.V. develops and sells roll-to-plate (R2P) OEM production technology for imprinting nano- or microstructures on large area substrates. Our cutting-edge technology and machines have unique features that radically improve our customers' products in the display and solar industry. We enable holographic or 3D imaging in smartphones or AR/VR displays and substantially increase the energy efficiency of solar panels. We work for innovative companies and market leaders in Silicon Valley and Asia.

Working for a scale-up company means that the job is diverse, fun and challenging. This requires strong analytical skills and great teamwork. Our team members take pride in their job and get substantial responsibility toward customers in delivering what we promise.

Your role

With multiple OEM systems sold, Morphotonics is now looking for a Mechanical Engineer to further grow our R2P technology into the next generation of equipment. As our Mechanical Engineer, you will take responsibility for engineering and design specifications, for the sub-contracting of modules, and for having our equipment tested and improved. You will be working in a multidisciplinary team (incl. software and process specialists). Details of your role include:

- Setting-up system specification and design constraints;
- Simulation and modeling of mechanical systems;
- Concept design;
- Testing of concepts;
- Manage output and quality at sub-contractors;
- Systems testing and release.

Your characteristics

- A Bachelor or Master degree in Mechanical Engineering, Mechatronics or Electrical Engineering with an emphasis on mechatronics systems;
- Proven experience in modular design, engineering and specifying mechatronics systems;
- Affinity with thermodynamics, computational fluid dynamics, process technology, PLC systems, process visualization, and communications interfaces;
- Experience with sub-contracting of key components of complex mechatronics systems;
- Experience with systems integration;
- Project-based working skills to complete complex projects successfully up to supporting installation at customer's premises;
- Enthusiastic personality, able to work independently as well as in team settings;
- Fluency in English;
- Excellent communication skills.

Our offer

Morphotonics offers a challenging and dynamic job in an innovative environment with competitive benefits. At Morphotonics you can truly have an impact on new consumer tech products that will impact global markets and sustainability. If interested, please send your letter and resume to marsja.molegraaf@morphotonics.com.

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