



Please submit your resume, cover letter, and references to careers@oledworks.com for consideration of employment.

Position Title: Design Engineer
Department: Research & Development
Reports To: Director, R&D

About Us:

From architects and designers to consumers, when people see the potential of OLED— its extraordinary aesthetics, human-centric benefits, and earth-friendly appeal—they want to experience it more. Once you experience OLED light, you will want it in your world.

OLEDWorks' mission today is to empower our customers to make unique products with the world's most advanced, best performing and highest quality multi-stack OLED technology. Our overall vision is to bring the unique beauty, unmatched performance and earth-friendly sustainability of OLED technology into products that change the way people light spaces, display images and communicate information.

Creating world-class, cost-effective solutions requires an entirely new approach that breaks from traditional OLED manufacturing paradigms. With production in Germany and in the USA, OLEDWorks boasts two innovative and complementary manufacturing platforms that deliver affordable OLED solid state lighting panels. Come be part of our growing team and help us achieve our vision!

OLEDWorks is in search of a full-time **Design Engineer** to join the research and development team. This individual must have proficient design skills and strong working knowledge of computer aided design (CAD) software such as AutoCAD or DraftSight. The Engineer will contribute to the design of new technology and products as well as make improvements to existing technology and products. Additional responsibilities include researching and evaluating technology, products, parts, or processes for cost efficiency and reliability, as well as analyzing simulation test results and recommending appropriate design changes.

Essential Functions:

- Analyzes engineering sketches, specifications, and related data and drawings to determine design factors such as size, shape, and arrangement of parts.
- Creates layered drawings of substrates, masks, PCBs, FPCs, and other components used in the fabrication of OLED lighting panels and displays.
- Reviews product design for compliance with engineering principles, company standards, and customer contract requirements, and related specifications

- Uses computer-assisted design/drafting equipment and software to develop designs and simulate product performance, both electrical and mechanical
- Creates multiple iterations of design prototypes and helps to establish design rules
- Initiates, evaluates, and approves design changes, specifications, and drawing releases
- Assesses whether a design solution is cost-effective and meets various other Company, customer, and industry standards and regulations
- Resolves engineering design and test problems, and/or customer problems
- Participates in integration of technical activities and products or technology
- May coordinate activities concerned with technical developments, testing, and schedules
- Documents the design process and test results
- Prepares interim and completion project reports
- Supports and works closely with the technology/product development engineers.
- Collaborates with the OLED Production/Fab team to measure machine and parts during production to ensure compliance with design specifications.
- Coordinates the material procurement for experiments

Education & Experience:

Bachelor's Degree in Electrical Engineering, Chemical Engineering, Microelectronics Engineering or Mechanical Engineering or a related field of study required. At least 1-2 years of related job experience in a research and development and/or a manufacturing environment preferred.

Competencies & Skills:

- Proficient design skills
- Strong working knowledge of computer aided design (CAD) software such as AutoCAD or DraftSight. Experience with Solidworks or other mechanical design software a plus.
- Experience with photo mask layout software and handling of GDS mask data a plus
- Working knowledge in Microsoft Office (Word, Outlook, Excel, and PowerPoint) ·
- Understanding of OLEDs, displays, semiconductors or related technologies a plus
- Experience in the development, simulation, and testing of electronic or electromechanical components, ideally desirable in the automotive sector or in general lighting/non-automotive lighting sectors
- Good knowledge of the design and release of components
- Strong commitment, flexibility, resilience, and independence
- Proficiency in technical data analysis and in using statistical tools · Strong communication skills, both written and verbal, and the ability to work effectively with a wide range of stakeholders in a diverse community
- Ability to plan, develop, and coordinate multiple projects according to timelines
- Problem solving/critical thinking skills
- Detail oriented and quality focused
- Strong interpersonal skills and teamwork focused
- Adaptable through periods of change and growth
- Commitment to adhere to workplace safety requirements and procedures
- Customer/Client focus

Physical Demands & Work Environment:

This position operates within both a production, research, and professional office environment. This position may offer some remote work opportunity, subject to manager approval and/or business needs for the role.

An individual working in this role routinely is required to stand, walk, use hands, reach with hands and arms, bend, and use various machines and tools. Required to wear and use proper PPE and cleanroom dress if applicable. Specific vision abilities are required for parts of the job to include close vision, color vision, peripheral vision, and ability to adjust focus. The position will also sit at a desk and use office equipment such as a computer, phone, photocopiers/scanners, and other peripherals. This position may require light lifting to move boxes of materials and/or supplies up to 25 pounds. Travel not required.

OLEDWorks is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability status, protected veteran status, or any other characteristic protected by law.