



Please submit your resume, cover letter, references and a signed [OLEDWorks application agreement](#) to careers@oledworks.com for consideration of employment.

Position Title: Engineer, Design
Department: R&D
Division: R&D
Reports To: Director, Research & Development
FLSA Status: Exempt

About Us:

OLEDWorks' mission is to empower our customers to make unique products with the world's most advanced, best performing and highest quality multi-stack OLED technology. OLEDWorks' 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 Aachen, Germany and in Rochester, New York, OLEDWorks boasts two innovative and complementary manufacturing platforms that deliver affordable OLED solid state lighting panels. OLEDWorks is uniquely positioned to offer volume production while expanding product portfolio to enhance design inspiration.

With a focus on performance excellence, flexibility and responsiveness, OLEDWorks enables our customers to adapt quickly to market demands. OLEDWorks is singularly positioned to deliver OLED lighting engines to our integration partners – the creative collaborators in the luminaire, design, architecture and adjacent markets.

Our team is comprised of global OLED pioneers and manufacturing experts. As key inventors, innovators, and implementers for the processes and equipment that manufactured the world's first active matrix OLED display and the highest brightness light panel, OLEDWorks has significant OLED production experience and unique insight into manufacturing strategies specifically tailored to lighting.

Job Summary: The Design Engineer is responsible for contributing to the design of new technology and products as well as making improvements to existing technology and products. Uses computer aided design programs to develop designs. Researches and evaluates technology, products, parts, or processes for cost efficiency and reliability. Analyzes simulation test results and recommends appropriate design changes. Coordinates with the other engineering personnel to complete projects.

Essential Functions:

- Analyzes engineering sketches, specifications, and related data and drawings to determine design factors such as size, shape, and arrangement of parts
- Sketches layouts, dimensions, and other related requirements
- 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
- 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.
- Works on various special projects as assigned by the Director, Research & Development.
- Other duties as assigned. Responsibilities and duties may change at any time due to the needs of the organization with or without notice.

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 required.

Competencies & Skills:

- Proficient design skills
- Strong working knowledge of computer aided design (CAD) software. AutoCAD and DraftSight preferred. Experience with Solidworks or other mechanical design software a plus.
- Working knowledge in Microsoft Office (Word, Outlook, Excel, and PowerPoint)
- Understanding of OLED and device making 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
- 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
- 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. 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.