



Please submit your resume, cover letter, and a signed OLEDWorks application agreement (see <http://www.oledworks.com>) for consideration of employment.

Position Title: Junior Level Engineer, Development – Microdisplay Team
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. Our mission 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. OLEDWorks is uniquely positioned to offer volume production while expanding product portfolio to enhance design inspiration.

Job Summary: The Junior Development Engineer is responsible for contributing to the overall research and development of new microdisplay, direct-view display, and lighting technologies and products at OLEDWorks. The initial focus will specifically be to work with the Microdisplay team, with a focus on technology development and product development projects. Moving forward, this individual will focus on supporting multiple areas of the business as needed to include the microdisplay, direct-view displays, as well as automotive/general lighting sector and develop skills by working closely with more senior engineers. Collaborates with internal and customer project teams. Designs and conducts experiments, analyzes data, and clearly presents results.

Essential Functions:

- Assists with the development of our technology, products, and processes.
- Assesses the technical feasibility from prototype to implementation.
- Collects cost estimates, prepares risk analyses.
- Aids in defining technical product requirements in coordination with the customer (specifications) and product marketing.
- Assists in developing system and component specifications as well as coordinates with internal and external suppliers and customers.

- Defines and coordinates interface and integration requirements.
- Verifies the design and defines test requirements.
- Creates test plans and schedules, and coordinates experiments in the Fab and Lab. Handles test materials. Coordinates materials procurement.
- Documents test results and evaluates test data.
- Collaborates to adapt and introduce existing and new manufacturing processes in coordination with the OLED Production/Fab team. May also introduce new machines and processes.
- Works with others to transfer new technology, product and process into production including analyzing process capability.
- Project manages development projects and collaborates with other departments.
- Communicates effectively with internal and external suppliers and collaboration partners.
- May introduce the technology/product into production and supports the approval by the customer.
- Documents and regularly reports on development progress.
- Coordinates the dispatch of products, components and test materials to suppliers and research partners.
- 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. A minimum of 1-2 years of related experience required.

Competencies & Skills:

Knowledge of current technological developments/trends in OLED and materials development preferred.

- Understanding of OLED and device making preferred
- Understanding of display technology, particularly OLED display technology preferred.
- Willing to work on Defense-related products.
- Understanding of CMOS display driving technology preferred.
- Knowledge of and experience with Statistically Designed Experiments preferred
- Strong commitment, flexibility, resilience, and independence
- Strong communication skills 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
- Innovative and creative
- 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
- Working knowledge in Microsoft Office (Word, Outlook, Excel, and PowerPoint)

Physical Demands & Work Environment:

This position operates within both a production 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 gear 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 in order to move boxes of materials and/or supplies up to 25 pounds. Minimal travel (5-10%) required.