

DEVELOPMENT ENGINEER



Date: 5/11/2016

Location: Elgin, IL USA

Department: Engineering

Job type: Full-time, Salary

Company Overview

Newhaven Display is a leading global display company that produces electronic display products for a wide variety of markets and applications. Our products include cutting edge LCD, VFD and OLED technologies.

Benefits

At Newhaven Display, you are empowered to create a career that will take you to where you want to go. Here, you'll enjoy the freedom to explore new projects, the support to think outside the box and the advanced tools and technology that foster innovation and achievement. We offer an excellent working environment, salary and benefits package including vacation pay, medical, profit-sharing and advancement opportunities within the company.

About the Job

This position is for a self-starter willing to learn multiple facets of our business within the engineering sector of the company. The successful candidate will work closely with our new and existing customers, performing product support, qualification and assisting with new design projects. Some light travel may be required along with possible International travel to our manufacturing facilities.

Responsibilities

- **Product Design**
 - Design bezels, touch screens, and other components used in LCD, TFT, and OLED display assemblies.
 - Create drawings in 2D and 3D to develop, manufacture, package, and market new products.
 - Work with Application Engineers to ensure product designs meet customer requirements.
 - Maintain design documentation and revision control.
- **Design Support**
 - Drive revenue growth through new design opportunities.
 - Establish relationships with key customer engineers by becoming their technical on-call expert.
 - Create, update, and maintain 2D and 3D document library to enhance customer support.
 - Design and develop fixtures for assembling and testing display assemblies.
 - Design and develop fixtures to demonstrate various display capabilities.
- **New Product Support & Documentation Control**
 - Assist with new product designs, specification development, support, and research.
 - Write datasheets, application notes, design guides and other technical support literature.

Requirements

- BSEE degree or higher.
- AutoCAD and SOLIDWORKS proficiency required.
- Minimum 1-2 years of related experience.
- Excellent verbal and written communication skills.
- Strong organizational skills, capable of completing tasks with limited supervision.
- C++ or similar software programming capabilities preferred.
- Understanding of embedded systems, microcontrollers (PIC, ARM, etc) and peripherals (I2C, SPI, USB, GPIO, SD Card, etc).
- Superior attention to detail, timely and persistent follow-up is essential.
- Ability to read electronic schematics and have good working knowledge of electronics theory.
- Ability to debug and troubleshoot PC Boards and electronic systems.
- Ability to build prototype designs and develop test fixtures and demo equipment (soldering and breadboard circuits, etc).
- Experience with LCD, VFD, OLED or TFT display technologies is a plus.