



APPLICATIONS ENGINEER



Date: July 2018

Location: Elgin, IL USA

Department: Engineering

Job type: Full-time, Salary

COMPANY OVERVIEW

Newhaven Display is a leading global display company that designs and manufactures electronic display solutions for a wide variety of industries and applications. Our products include cutting edge OLED and LCD 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, who is willing to learn multiple facets of our company's Engineering sector. The successful candidate will work closely with individuals within the Engineering & Quality departments and bring forth knowledge and innovative ideas for the success and growth of the company. Some light domestic travel may be required, along with possible International travel to our manufacturing facilities.

RESPONSIBILITIES

- **Design Development**
 - Initiate and advance product designs for new and existing projects.
- **Engineering Support**
 - Provide hardware and software support to engineering groups at other companies via email, phone, and in-person meetings.
- **Development Resources**
 - Assist with creating and maintaining user friendly design resources such as Product Tutorials, Test Code, Application Notes, Demonstration Kits, etc.
- **Documentation Creation & Control**
 - Assist with creating and maintaining design documentation such as Drawings, Schematics, Datasheets, User Guides, etc.
- **Interdepartmental Training**
 - Assist Marketing, Distribution & Sales teams with product training and technical questions.

REQUIREMENTS

- **Primary**

- BSEE degree or higher.
- C++, C or similar software programming skills.
- Understanding of embedded systems, microcontrollers (PIC, ATMEL, ARM, etc.) and peripherals (I²C, SPI, USB, GPIO, SD Card, etc.).
- Understanding of electronics theory.
- Superior attention to detail.
- Strong organizational skills and self-discipline.
- Excellent verbal and written communication skills.

- **Secondary**

- Ability to read electronic schematics.
- Ability to build prototype designs (soldering, breadboard circuits, etc.).
- Ability to debug and troubleshoot Printed Circuit Boards and electronic systems.
- Understanding CAD models.
- Experience with OLED, LCD, LED or VFD technology is a plus.