IT - Technology Analyst , Embedded Hardware , Board development Job

Employer Name: Hire IT People LLC

SpiderID: 12522847

Location: Allen Park, MI, Michigan

Date Posted: 5/12/2022

Wage:

Category: Information Technology

Job Code:

Number Of Openings: 1

Must Have:  
  
Hardware Design, develop, characterize, optimize, validate, release, and launch Automotive Embedded product developments.  
  
Develop electronic quotes and schematics for new program pursuits.  
  
Hands on with Schematic design, Electronics components understanding.  
  
Good understanding on PCB layout: Component placement, routing ideas.  
  
Good understanding in Board level, system level power requirements.  
  
Communicate and interface with OEM customerspresentations, design reviews, e-mails.  
  
Electrical electronics design Engineer with 5 years of experience.  
  
Good to have:  
  
Develop specifications for LED lighting, HID lighting, wiring harnesses, stepper motors, communications (such as LIN and CAN) and other electrical and electronic components in exterior lighting.  
  
Build knowledge base for latest technology in lighting devices and drivers and automotive regulations / requirements. Drive re-use of proven, cost-effective designs. Provide Electronic in-house support to manufacturing plant and product engineering team  
  
5 years with MS, 10 years with BSEE (automotive electronics preferred). Understands DFMEAs, DVP&amp;Rs, reliability requirements and quality design and robust validation testing.  
  
Cost effective electronic application designer. Experienced in circuit design and simulation in Pspice and Altium or equivalent systems. Switching power supplies (Buck/Boost), linear power regulation and LED design development and application skills preferred.  
  
Worst Case Circuit Analysis (Using MathCAD or equivalent)  
  
EMC circuit design robustness and testing requirements for automotive products.  
  
Electrical design for manufacturability practices.  
  
Minimum years of experience required: 5 Years

Start Date:   
  
  
Position Type: Contractor  
  
  
Years of Experience Required:   
  
  
Education Required: None  
  
  
Overnight Travel:   
  
  
Vacation Time:

Contact Name: Sami Scott

Company:

East Brunchwick

New Jersey

08816

Web Site: