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Roush Industries Job Posting August 13, 2010 – September 6, 2010

Electrical Systems Engineer

Roush supplies comprehensive, integrated development services and provides customers with support that fuses technology and engineering. From design through prototyping, testing and manufacturing, we take our customers' visions from the sketch pad to production. We're focused, efficient, and we deliver. With over 2000 employees in more than 40 facilities across the United States, and interests around the world, Roush solves customers' problems and provides significant support to the automotive, performance products, military, entertainment, life sciences, alternative fuels and consumer products industries.

We are focused on performance, driven by technology, and committed to our customers' success. If you're only happy when your customers are happy, we want you on our team.

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Your Role:

The ideal candidate will be expected to apply knowledge of engineering principles and techniques to the design and development of total vehicle electrical architecture for US military and commercial projects This position is located in Allen Park, MI.

Duties:

- Develop the wiring architecture, wire harness routing, power distribution, electrical system needs and requirements
- Integrate wire harnesses, connectors, sensors, switches, and electrical components into overall vehicle architecture
- Conduct functional and validation tests for electrical system
- Identify and mitigate major electrical system failure modes and effects
- Perform in vehicle testing and assist with vehicle assembly
- Participate in vehicle drives and demonstrations

Requirements:

- Bachelor's degree in Engineering, Mechanical or Electrical Engineer degree preferred - or 10+ years of related experience
- Minimum 10 years' experience in vehicle electrical systems, electrical controls, and wiring
- Experience with development and maintenance of DVP&Rs / FMEAs is preferred
- Demonstrated experience working with automotive OEM or Tier 1 customers
- Ability to work in a team environment and utilize others in the organization to deliver quality products
- Excellent written and verbal communication skills
- US citizen

**You must refer to this posting to be considered.
Send resume by August 13, 2010. AA/EEO**

Send updated resume to Salina Cinco, Email: Careers@roush.com

Keywords: Wire architecture, wire harness routing, power distribution