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Roush Industries Job Posting August 17, 2010 – September 20, 2010

CAE Analyst – CAE & Vehicle Engineering

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:

Roush has an immediate need for **CAE Analysts** to perform structural and kinematics analysis to aid engineering in the upfront development of vehicle architecture and virtual validation of the design. Applications include automotive, aerospace, military and industrial equipment. The positions are located in Allen Park, Michigan.

Requirements:

- Minimum BS degree in Engineering, Physics, or Mathematics
- Strong course work in structural mechanics, continuum mechanics, dynamics, fluid dynamics, noise & vibration or finite element methods
- Ability to learn different types of FE software quickly
- 0-2 years' experience using analytical tools for vehicle development or structures
- Excellent verbal and written communication skills
- Familiarity with PC: MS Office, PowerPoint, Excel, Word

Preferred Skills:

- MS or PhD degree with thesis work involving FE methods for problem solution
- Experience with CAD tools
- Experience with FEA Tools: NASTRAN, Abaqus, Hypermesh, ADAMS, Fluent or StarCD
- Proficiency with computer programming
- Demonstrated automotive vehicle structure development experience for any one of the following vehicle development fields: safety, NVH, durability (powertrain) or ride & handling
- Vehicle development and testing experience

**You must refer to this posting to be considered.
Send resume by September 20, 2010. AA/EEO**

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

Keywords: FEA, CAE, entry-level