Our innovative and growing company is hiring for a performance engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for performance engineer

- Processes, Standards & Best Practices – establish best practices for performance management
- Contribute to quality measures and test automation of EIS infrastructure services
- Design and implement performance analytics infrastructure with open source technologies such as Kafka and Spark and leverage performance monitoring toolkits from technology providers
- Collaborate with EIS performance engineering team, service engineering team, and program leaders
- Building and maintaining framework(s) to benchmark application performance across all layers of the application stack
- Analyzing and monitoring system logs using homegrown and commercial profiling tools (BMC Coradiant, New Relic, Splunk
- Setting up appropriate reports and alerts for Prod IT and R&D teams to monitor performance
- Analyzing thread and head dumps
- Making appropriate recommendations to tune JVMs, Cache and GC settings, along with long-term architectural improvements
- Assisting with researching Performance-related tickets (requires working closely with R&D and Production IT teams

Qualifications for performance engineer

- 2+ years of experience in tire testing and/or CAE modeling
- 5+ years of work experience in professional racing or tire design/manufacturing/testing
- Experience with vehicle dynamics modeling programs such as Dymola, VI-Grade, ADAMS
- Or CarSim
- Experience with Pacejka tire models or similar