



Director of Hardware Engineering

Location: Munich, Germany

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As Director of Hardware Engineering, you will be responsible for building a team to launch autonomous trucking products in Europe. You will work closely with our European partners, and collaborate with our global hardware and software engineering teams. Together we will launch autonomous trucks that make transportation of goods safer and more efficient.

Responsibilities:

- Recruit and lead the vehicle and hardware team with functional and disciplinary leadership
- Guide individual development and team success with high engagement, strategic foresight and embedding in engineering organizational setup and management team
- Drive technical advancement and progress for
 - Autonomous driving hardware system architecture and solution design
 - Selection and technical evaluation of sensors and computing platforms
 - Solution design and development of vehicle chassis and drive-by-wire system
 - On-board layout and structural design of autonomous driving hardware equipment
 - Electrical principle and wiring harness design of the autonomous driving system
 - Development and testing of embedded software related to sensor connection/integration and vehicle chassis drive-by-wire
 - Autonomous driving hardware system integration, assembly, testing, sensor calibration, and software deployment

Qualifications

- BS, MS, or PhD in Mechanical Engineering, Electrical Engineering, Robotics, Aerospace Engineering, Physics, Computer Science, or another related field.
- Foundation in mechanical engineering principles covering 3D CAD design, engineered materials, manufacturing methods, structural analysis, thermal/fluid dynamics, and/or multi-physics simulations. You also have a high level understanding of electrical engineering principles, optical principles and hardware-firmware dependencies.
- Experience in creating CAD/3D models, interfacing with prototype shops, building wiring harnesses, using machine shop tools, producing wiring diagrams, sourcing components.
- 5+ years of industry experience in implementing complex and safety-critical systems.



- Industry experience in system engineering and requirements management including system analysis, requirements authoring, test generation, and validation activities.
- Familiar with automotive systems and CAN protocol.

Your opportunities joining Plus

- Work, learn and grow in a highly future-oriented, innovative and dynamic field.
- Shape the future of logistics and trucking with your expertise.
- Wide range of opportunities for personal and professional growth and development.
- Cross-country travel as a technological pioneer and ambassador.
- Work in a highly professional and international environment with strong work ethics.
- Opportunity to be a pioneer in a disruptive field with high impact on the environment.
- Competitive and fair compensation structure.

Apply at: https://plus.ai/job.html?gh_jid=5827513002