

Job Title : Autonomous Driving Algorithm Engineer

Industry: Automotive & Autonomous Driving

Residence: Europe (preferred in German)

Salary: Negotiable

Strategic Partnership between HEE and PIX Moving:

In February 2022, HEE's Chinese joint venture Guizhou HEE and PIX Moving signed a strategic partnership agreement that generated attention throughout China. The goal is to jointly develop products around self-driving autonomous vehicles that use hydrogen in different applications such as self-driving backup power vehicles or self-driving on-demand electric car charging stations.

The job position below is on behalf of PIX Moving, a company registered in Guiyang, China, and HEE only supports the candidate selection process.

Company Introduction:

PIX Moving is a key player of skateboard chassis in the world. Our products have been sold to 27 countries and regions globally. Except skateboard chassis, we also have complete vehicles and outdoor robotics. PIX Moving also put great effort on developing autonomous driving technologies. Moreover, we are a pioneer of other advance R&D, including computational vehicle design and intelligent manufacturing technology. PIX Moving strives to create a culture of entrepreneur, freedom, responsible and self-motivated. We believe that our technologies will redefine the automotive industry.

Key Responsibilities:

- Develop, code, and maintain automated driving car active safety, and automated vehicle behavior, planning, behavior, assessment and vehicle control algorithms
- Develop technical specifications
- Develop and execute functional test plans
- Conduct detailed performance analysis
- Work with colleagues and customers to develop and implement enhancements to address real-world performance issues
- Support advanced development process activities (analysis, design, reviews, verification testing)

Required Skills and Qualifications:

- Master's degree in Engineering, Computer Science, Robotics or related technical field
- 4+ years of programming experience in: C++, MATLAB, and Simulink/Stateflow modeling
- 2+ years of development and testing of algorithms and code experience (can include industry, academic or internship)

Preferred Qualifications:

- PhD degree in Engineering, Computer Science, Robotics or related technical field
- 5+ years of development and testing of algorithms and code experience (can include industry, academic or internship)
- Strong in control theory & systems design
- Excellent data extraction & analysis skills (MATLAB, Excel)
- Background in vehicle serial data communication protocols
- Background in automotive radar, vision, lidar, sensor fusion

- Computer vision, pattern recognition, and image processing background
- Background in object detection and tracking algorithm design
- Windows development experience (operating systems, I/O drivers, communication drivers, etc.)

Please send applications directly to PIX Moving:

(Unfortunately, applications sent to HEE Technologies can not be considered).

Contact details HR PIX Moving:

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