Role: Lead Audio AI Architect

Team: AI AUDIO PROCESSING

Team Lead of 10

Reporting to: AI Director

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What You Will Do

• Team leader and lead architect of the Audio AI team

• Conceptualize, design, and implement AI/ML solutions for automotive audio products

• Coordinate requirements, roadmaps, and delivery schedules with product lines

• Collaborate with audio and automotive subject matter experts, internal and external stakeholders on solution design and technology selection

• Act as AI technology ambassador, continuously improving and innovating the AI value-add in our automotive audio product portfolio

• Keep pace with audio AI/ML technology advancements in automotive, adjacent areas, and academia; guide your team and peers; run feasibility studies and PoCs; support business analyses

What You Need

• Master's degree in computer science or comparable practical experience

• 8 years of industry experience with 5 years of applied audio AI/ML experience

• 3 years experience leading a technical team

• Demonstrated experience across audio topics like microphone and speaker beamforming, noise suppression or cancellation, immersive audio, binaural audio and strong DSP fundamentals for algorithm development and understanding of challenges for real-time deployment

• Strong understanding of state-of-the-art audio ML processing technologies and practical experience with AI/ML tech stacks, tool chains, data collection, synthetic data, simulators, and MLOps workflows (e.g. PyTorch, Kafka, Apache Spark, DataBricks, Python, C++)

Preferred Qualifications

• Experience in project management and fast paced agile/scrum development model in a production environment

• Experience in automotive audio processing and products and knowledge in acoustics, psychoacoustics, acoustical benchmarking, sound quality, sound field measurement and equalization

• Experience in embedded model deployment and using AI accelerators (e.g. GPU, NPU, DSP)

• Proficient coding skills in Python, C++, MATLAB