Young doctor in AI / embedded electronics

Safehear is a young start-up that designs a connected headset for professionnals of the industrial environment. The objective: to **make communication possible in a noisy environment while remaining protected from hearing risks.**

After a first fundraising, Safehear is now preparing for its commercial launch. The company is now made up of 10 people with engineering and marketing profiles. Ready to join the adventure?

Required experience: PhD in machine learning / audio signal processing with experience in embedded, or engineer with significative experience
Contrat: permanent
Work place: Lyon

Job description

The project is based on the integration of breakthrough innovations in a technological product. Your role will be to participate in the creation of new communicating products using embedded radio / audio technologies. You will join a young, dynamic and passionate team. Your role will be to participate in research topics to improve the supervised sound source separation with deep learning techniques, for the purpose of denoising and voice enhancement. You will be required to use your skills in machine learning on low-power embedded chips.

Missions

- Implementation of deep learning algorithms
- Technology watch
- Collaboration with other laboratories & researchers
- Integration of a fonctional solution on an embedded target

Key competences

- Deep learning (PyTorch, TensorFlow, etc)
- Embedded C (µC, DSP)
- Audio Signal Processing
- French

Required profile

- Dynamic and autonomous
- Initiatives and proposals
- Lover of challenges, good relationship
- Attracted by the world of start-ups

Apply by sending us your CV, cover letter and publications.

Contact : benjamin@safehear.fr