

Post-doctoral R&D on Machine Learning for Ultrasound

Elliptic labs (www.ellipticlabs.com) is the world leader in delivering ultrasound based solutions for proximity sensing and gesture recognition for a wide range of applications and platforms. We have been pushing the boundaries of innovation in the mobile phone industry by enabling bezel-less display using our ultrasound technology and we are one of the industry forerunners of exploiting the full potential of machine learning in gesture recognition. We are searching for a new member for our R&D team. You, the successful candidate, will at first, contribute primarily to our participation in the EU horizon 2020 project (www.silense.eu). You will also use this time to gain insight into the various aspects of our daily operations, and take part in shaping our long term visions. As time progresses, you will get to participate in wider array of projects and define your role as an important and active member of our team.

You are

- a recent PhD graduate or about to complete your PhD studies in machine learning/signal processing or related fields, preferably acoustics, computational physics or communications.
- a highly motivated, creative individual with strong analytical skills
- able to communicate effectively in oral and written form, both in terms of expressing ideas and detailing building blocks.
- well experienced in making simulations and analyzing field data to verify hypothesis and to improve solutions using e.g. Matlab, C++, Python.

You will

- contribute actively in different stages of problem solving
- develop prototype models, define characteristics of training data and the modes of collection & preparation
- collaborate with the algorithm and development team towards implementation on leading edge hardware platforms.
- document and present technical findings

We offer a young, exciting and dynamic work environment, with well mixed colleagues of different backgrounds and nationalities. The working language is English. The position is initially set to be a one-year engagement with the possibility of extending to two-years or permanent basis. You will be working at our Norwegian branch, which has office located in downtown Oslo. Interested candidate should send résumé, plus two recent publications (in pdf) to anna@ellipticlabs.com