Albora
Statistics/Signal Processing

Job Description

We offer a position in a product and research oriented team in Barcelona, exploring new technologies in the field of robust GNSS-based positioning (Global Navigation Satellite Systems). The candidate will contribute to the development of novel methodologies to enhance navigation, encompassing both theoretical and experimental activities.

We are looking for a candidate with strong theoretical expertise in statistical signal processing that can be quickly integrated in our GNSS team to enhance our technologies. In-depth knowledge and experience in statistical inference, signal processing and related disciplines is required. Programming experience and machine learning knowledge is desirable, as well as previous participation in research and development projects.

What we are looking for

Candidates should have the following essential skills:

- PhD degree in electrical engineering, mathematics, statistics, computer science or related fields. Good academic record.
- Proficient with Matlab and/or Python and familiarity with version control systems.
- Ability to work independently as well as in small teams.
- Fluent in English.

The ideal candidate would also have:

- Experience in probabilistic machine learning.
- Good understanding of statistical modelling and stochastic filtering.
- Experience in GNSS positioning, navigation, and timing (PNT).
- Experience in embedded software development.

What we offer

- Working with an international team on exciting cutting-edge technology
- Salary and company share options according to candidate's skills

About Albora

Albora Technologies is a deep-tech startup developing next-generation GNSS (Global Navigation Satellite Systems) technologies for autonomous vehicles and asset management. With us, you will work on developing advanced GNSS receivers to enable robust navigation of self-driving cars and asset tracking in challenging scenarios, such as urban environments. This position is based in Barcelona (Spain). Contact us at *workwithus@albora.io*