

# Radar / EW Signal Processing Engineer

Ref: MS-JDS-RDE-202109

**Title:** RADAR / EW Signal Processing Engineer

**Reports to:** Technical project manager

**Location:** Milan, Italy

**Job purpose:** Design, development and testing of Direction-Finding algorithms for Radar and EW applications

## Job duties:

- Design and implementation of Radar Signal processing for target detection and tracking
- Design and implementation of Direction-Finding algorithms for localization/geolocation of RF emitters
- Development of a Radar and EW simulator to test the algorithms
- Processing and analysis of the acquired data
- Production of technical documents e project reports
- Support for firmware/software implementation and system design

## Required skills and qualifications:

- Master degree in Telecommunication Engineering, Aeronautical or Aerospace Engineering OR related field
- Strong knowledge of radar principles
- Strong knowledge of radar system principles
- Understanding of detection and tracking algorithms
- Understanding of location/geolocation algorithms
- Experience with Matlab and C/C++
- Ability to think logically and to decompose a problem into its component parts
- Good knowledge of the English language for the working environment
- Good communication and team-working skills
- Enthusiasm, dynamicity and self-motivation

## Desired Skills/Qualifications

- Minimum 3 years of experience in the field
- Knowledge of detection and tracking radar algorithms



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**Candidate must be eligible to work in the EU.**

### **Company description:**

MetaSensing is an Italian/Dutch SME which provides radar solutions. MetaSensing designs, manufactures and operates radar sensors (space, airborne and ground-based) at different frequencies for a large variety of applications. Those sensors are equipped with proprietary control, configuration, processing, and visualization software.

MetaSensing has offices in the Netherlands, Italy and Singapore.

**Employment condition:** Full-time, 40 hours per week.

For additional information or for the application, please send an email with your CV and cover letter to [joinus@metasensing.com](mailto:joinus@metasensing.com) with a subject Ref: MS-JDS-RDE-202109.

Milan, 10/09/2021