

ECLIPTIC DEFENCE AND SPACE

JOB VACANCY: RF MICROWAVE ENGINEER

EMPLOYMENT TYPE: FULL TIME / PERMANENT

LOCATION: NICOSIA, CYPRUS

As we continue to grow, there has never been a more exciting time to join Ecliptic DS team. Ecliptic DS is a rapidly growing business which specializes in RF and Microwave technologies as these are applied in radars, data links and EW applications, utilised in a variety of sectors including space, aerospace, defence and border security. The business is well poised to continue expanding within a very fast paced space and defence market.

We are currently looking for an experienced RF/ Microwave engineer to work on the forefront of a wide range of RF and Microwave technologies. This is a great opportunity for the right person to be part of a team designing and building novel solutions for the space and defence industries. You will be working to develop a wide range of RF/ Microwave Designs, from the component level up to the system level, using the latest technologies available, whilst enhancing your understanding of key design and manufacture processes. You will be an integral part of the team that takes the company to the next level. As an RF Engineer you will be responsible for pioneering and developing new technology and will be required to undertake all design activities as well as associated engineering tasks.

We are looking for you to have an ability to work autonomously within a multi-skilled team with a good understanding and commitment to achieving project goals. You should also be able to perform technical investigations, provide problem assessments, and propose design solutions within a culture of innovative thinking.

Ecliptic DS team has a common goal for the delivery of products design solutions that meets the customers requirements to the schedule and cost agreed. You will be able to significantly contribute to meeting the expectations of both Ecliptic DS and the customer. The current and upcoming projects offer you the opportunity to work with a specialist team developing and managing technically challenging technology within the company.

What we are looking for

The ideal candidate should possess Bachelor or Master's level Degree in Electrical / Electronic Engineering and experience in many of the areas listed below.

- Experience of Microwave RF, analogue and digital circuit design skills
- Experience with RF test equipment (VNA, Spectrum/Signal Analyzer) and measurement techniques
- Power Amplifier / LNA, PLL and frequency conversion design knowledge
- RF circuit and electromagnetic modelling and simulation (e.g CST, Microwave Office) skills
- Schematic capture and PCB layout skills
- Experience with RF beamforming techniques
- Understanding of RF / microwave systems
- Understanding of waveform design and implementation
- Experience of system level RF modelling (VSS), including Modulation and Coding

- Preferably you will also have radar system knowledge although this isn't essential
- Experience of overseeing the transition of development hardware into production, including environmental testing, qualification testing and design certification
- Experienced proving system level functionality, SW/FW integration and proving will be viewed preferably
- Familiarity of real-time digital signal processing for high data bandwidth systems
- Good communication skills with the ability to produce high quality written reports and presentations to external customers
- Participate in design reviews for all stages of concept development to the assessment of design maturity
- Experience of working in hi-rel design environment (aerospace, space, defence or similar) will be greatly advantageous
- Understanding of Space Industry including relevant standards and requirements (ECSS etc)

WHY YOU SHOULD CONSIDER US?

At Ecliptic DS we offer a number of great benefits and a very competitive salary that recognises the value you bring to our organisation. These benefits include:

- 13th Salary
- Flexi time & early finish Friday's
- Flexible and remote working options
- Professional Development Opportunities

We understand that flexibility benefits our people, our teams and our business; wherever possible we will seek to accommodate a blended approach to on-site and remote working.

If this sounds like a place where you can strive, have opportunities for career progression and give us your best you, then we'd love to hear from you!

To apply for the role, please submit your CV and a Cover letter at: careers@ecliptic-ds.com