INOVOR
TECHNOLOGIES

Embedded Software/Firmware Engineers

Inovor Technologies are looking for driven, highly capable embedded software engineers to support our satellite development programs. We are looking to fill multiple positions from graduate level through to a more experienced level.

Role Description

The roles will include working in a small multi-disciplinary team to develop complete satellites for different missions. The roles will involve developing embedded software primarily for microprocessors running RTOS, including everything from implementing hardware drivers and communications protocols to satellite management systems. The successful applicants will have a passion for learning how systems work and be interested in developing software for physical systems.

Criteria - Essential

A degree in Engineering or Computer Science

Eligible for a security clearance. To meet this, candidates must have lived in Australia for 10 years (or at least close to 10 years), and be eligible for an Australian citizenship.

Skills and Experience – Essential

Demonstratable passion for embedded systems

Strong intuition in object-oriented programming

Highly proficient in either C or C++

Knowledge of Integration and Unit Testing

Experience with Git

Experience working on Linux PCs

Skills and Knowledge - Desirable

Experience in working with control systems and electronics

Thorough understanding of low-level computer systems (real time operating systems, hardware drivers, communications protocols, file systems)

Experience with software development for Linux systems

Excellent written communications skills

Electronic design skills including schematic design and PCB layout

Practical electronics skills (soldering, rework, use of oscilloscopes and logic analysers, etc)

Company profile

Inovor Technologies (www.inovor.com.au) is a space and defence company located in Adelaide, Australia with 18 employees. We provide services to Defence in several key areas, including electronic warfare, simulation and modelling and space surveillance. We also develop satellite technologies and are building several spacecraft for civilian and defence projects. Inovor Technologies has developed a family of small satellite platforms that we use to build space missions and provide a complete turnkey satellite mission solution from mission design, to spacecraft design, manufacture, integration, test, delivery and operations.

Applying for this position:

Please forward your resume with a covering letter addressing the essential criteria and relevant skills and experience.

Please include your salary expectation in the application.

Submit your application via Seek

Applications closing: 30th August 2019 @ 5:00pm (ACST)