



Title	Software and Electronics Systems engineer
Salary	Good Salary Profit Related Bonus Scheme
Place of Work:	Guildford and Client Sites
Responsible for	Software development and electronics design
Key purpose(s)	Software and electronics design and build for space applications
Tasks	Software and electronics: <ul style="list-style-type: none"> • Derived requirements from system level • Software architecture definition • Trade-offs and analysis • Software and hardware design and development • Functional testing • Environmental tests support • Commissioning and operations support • Design and end-user documentation
Qualifications	A relevant MSc degree or equivalent
Experience	Proven strong experience in design and development of data handling and processing modules for space applications.
Knowledge and skills	<ul style="list-style-type: none"> • Electronics and software systems engineering • FPGA development • Embedded and general software development • Digital electronic circuits design and implementation • Automatic control systems engineering • Strong knowledge of SSTL on-board data-handling architecture and interfaces • Soldering skills, preferably to space industry standards • Ability to work under pressure and meet deadlines. • Strong attention to detail. • Highly results orientated; strong drive to deliver. • Familiarity with work package systems and matrix management structure. • Fluency in Russian a great advantage Working knowledge of software tools and environments: <ul style="list-style-type: none"> • Microsoft Office Suite • Windows 7 and 10, Eclipse IDE, Vivado Design Suite, Microsoft Visual Studio, C/C + + (extensive), VHDL (extensive)