

VACANCY NOTICE: CTAE-VN-2010-03 – RESEARCH ENGINEER

Vacancy Code:	CTAE-VN-2010-03
Post:	Research Engineer in Automation Engineering
Publication Date:	2010-07-05
Closing Date:	2010-07-30
Location:	CTAE, Viladecans (Barcelona), Spain
Desired Start:	September 2010
Duties:	<p><u>Essential duties/responsibilities:</u></p> <ul style="list-style-type: none"> • The candidate will be initially assigned as a research engineer in a project as part of the team, and s/he shall participate in software design, implementation, test, verification and validation (V&V) phases with the customer. • The candidate shall also participate at later stages as a technical lead or in project management roles. • The candidate shall also participate and support to the team during proposal preparation, under the coordination of Head of Group. • The candidate will be under the responsibility of <i>Safety-Critical Software and Control</i> and <i>Robotics and Advanced Automation</i> Groups.
Desired Qualifications:	<p><u>Education:</u></p> <ul style="list-style-type: none"> • Master in computer science, control engineering, electronic engineering or disciplines relevant to the vacancy description. • Project Management Master or Professional Project Management® certification is an asset. <p><u>Experience:</u></p> <ul style="list-style-type: none"> • Minimum of 5 years of practical experience in research or industrial environment with a similar scope of work. • Experience in control systems, automation or robotics is required. • Experience in project management is considered an advantage. • Experience in the aerospace, transport or energy sectors is an asset. • Experience in international and multicultural organisations is of value.



<p>Desired Qualifications:</p>	<p><u>Technical Knowledge, skills and abilities:</u></p> <ul style="list-style-type: none"> • Sound knowledge and experience in Matlab, Simulink, or LabView frameworks. • Knowledge and experience in programming languages C/C++, C# or Java. • Knowledge and experience of Integrated Development Environments (IDEs) such as Eclipse/RCPs or Microsoft Visual Studio. • Knowledge and understanding of microcontrollers, their use, integration and programming is required. Familiarity with interfaces such as SpaceWire, CAN or MIL-1553 is considered an advantage. • Familiarity with design flows for FPGAs and their board-level integration is considered an advantage. • Knowledge of software and hardware design methods is considered an advantage. <p><u>Management knowledge, skills and abilities:</u></p> <ul style="list-style-type: none"> • Strong time management and communication skills necessary. • Good standard in production of deliverables and project reports is necessary. • Knowledge of project management processes is an advantage. <p><u>Language skills:</u></p> <ul style="list-style-type: none"> • Good standard of written and spoken English required. Working knowledge of Spanish or Catalan advantageous but not required at outset if willing to learn.
<p>Application Procedure:</p>	<p>Send by email the CV and motivation letter as a single PDF to jobs@ctae.org. Add to the subject line the job vacancy code: CTAE-VN-2010-03</p> <p>Applications shall be processed as received, within two weeks of the closing date.</p>

