



Embedded Software Engineer

CommAgility is a fast growing company working at the sharp end of wireless product design, using the latest DSP, FPGA, ARM, LINUX and RF technologies to develop products for next generation wireless telecoms standards such as LTE and LTE Advanced.



Multiple award wins include the Queen's Award for Enterprise in 2013 and 2016. A Sunday Times Hiscox Tech Track 100 and Deloitte Fast 50 company, we are based in the UK and Germany. In March 2015, CommAgility acquired MIMOon GmbH.



The UK site is based in the Science and Enterprise Park at Loughborough University, Leicestershire. CommAgility offers a fantastic working environment in an engineering-focused company.

Job purpose:

To specify, develop, review, test and maintain software for the hardware developed by CommAgility products under the guidance of the Embedded Software Manager. Working with cutting edge AdvancedMC cards and target silicon including Texas Instruments Keystone II multi-core processors and Xilinx 7 Series FPGAs you will help our customers lead the field in wireless test and deployment.

Main duties and key responsibilities:

- Responsible for the designing, developing and maintaining CommAgility's board support solutions for C66x/ARM SoCs, ATMEL microcontroller and/or Xilinx 7 Series FPGAs on both new and existing products.
- Responsible for writing technical documentation such as requirement, specification, test plan and/or user manuals for C66x/ARM Board Support Solution.
- Working closely with the hardware design team, production team and customers on early and evolving hardware, your code will also be used to verify and test our products. Informing team members and management of timescales for various work/support/projects.
- Handling Customer Support queries on existing and legacy product whilst working on mainstream projects.



Essential Criteria within the person specification:

- 1st or 2:1 degree level Electronics, Computer Science or similar subject area, or equivalent experience
- Industrial experience with a focus on embedded software/firmware design
- Confident in coding in C on embedded platforms
- Experience with Perl, Python or another modern scripting language
- Experience with VCS such as Git and Bug Tracking tools such as JIRA
- Experience in working with Linux environment
- Good understanding of device drivers, file systems, memory management and OS internals
- Good expertise in scripting, Software, Hardware and Product testing
- Good communications and problem solving skills

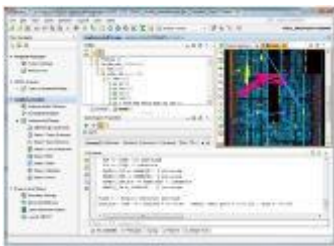


- Use own initiative and work well as part of a team
- Flexible approach
- Ability to prioritise tasks and work under pressure to meet deadlines
- A willingness to undertake further relevant training
- An understanding and commitment to equal opportunities



Desirable criteria within the person specification:

- Training or short courses attended for TI, DSPs, Xilinx FPGAs or similar
- Experience of TI CCS, Xilinx ISE, Xilinx Vivado, LabVIEW and/or similar development environments will be a distinct advantage
- Ability to read, add feature and bug fix on legacy product in which you may not have worked on before



This is a fantastic opportunity to join a hardworking, rapidly expanding, progressive company with great career prospects.

The position is immediately available and is full time. This position is based in Loughborough, UK.

To apply, please email your CV to jobs@commagility.com

Charnwood Building,
Holywell Park
Loughborough University Science and
Enterprise Park
Ashby Road, Loughborough
Leicestershire, LE11 3AQ
www.commagility.com