Transform Your Tomorrow...Today at Curtiss-Wright

At Curtiss-Wright, you have the opportunity to transform the way our customers do business, as well as transform your career. Our entrepreneurial environment provides our employees with excellent experiences that enable them to develop their skills through stretch assignments and the opportunity to work with the best talent in the industry. At Curtiss-Wright, you will have the opportunity to contribute from day one. And...that’s just the beginning of how we help you transform your tomorrow.

Software Engineer

This is your opportunity to be innovative, flexible, self-directed and to bring your software engineering skills to our dynamically growing organization. We are looking for creative software developers who have a passion to invent, design and implement embedded software along with a curiosity and desire to learn. Your job will be to create new Board Support Packages (BSPs), drivers and develop enhancements to our existing BSPs and drivers for Single Board Computers (SBCs), develop power-on built-in-test firmware and develop continuous built-in-test drivers. You must be resourceful and able to overcome new challenges using insightful design and engineering skills coupled with innovative approaches.

Position Responsibilities

- Design, develop and test new embedded software.
- Apply established development processes and assist in process improvement.
- Analyze requirements and develop design alternatives.
- Develop test software and procedures.
- Generate complete and accurate user and design documentation.
- Provide input to architecture, design and code reviews.
- Provide input and evaluation of new technologies and products.
- Keep current with embedded software trends and share knowledge.
- Provide task breakdowns and accurate estimates for project planning
- Review and validation of software releases.
- Co-ordinate software releases
- Lead a team / provide technical guidance and liaise with customers
- Assist in maintaining a positive and productive atmosphere within the team.

Skills & Experience

- Bachelor’s in Engineering or Computer Science (or equivalent) with minimum 5 years’ experience or a Master’s Degree with a minimum of 1 year experience.
- C programming
- Proven communication/interpersonal skills.
- Strong sense of responsibility, commitment to quality and achieving deadlines.
- Knowledge of embedded software engineering processes and standards.
- Experience Reading/understanding IC datasheets, board schematics.
- Experience in the following is an asset: WindRiver VxWorks RTOS, Linux and Windows development environments, device driver development (Interrupts, DMA), software configuration management tools, software defect tracking tools, software debugging tools, test methodologies, diagnostic tools like Digital
Analyzers, Oscilloscopes, DVMs, etc. project management, SRIO, PCI, PCIe, I2C, Flash, Ethernet, Infiniband and FPGAs would be an asset.

**What We Offer at Curtiss-Wright**

**Challenging Work** - The work we do at Curtiss-Wright is not only challenging, but it is meaningful to our customers, our employees and the communities in which we live and work.

**Independence** – At Curtiss-Wright, you have the independence to invent, create and innovate; and the opportunity to work on the most advanced technology in our industry.

**A Collaborative Environment** – The teamwork among our exceptionally talented people enables us to deliver some of the most advanced solutions to our customers.

- Curtiss-Wright is proud to offer our employees a comprehensive total rewards package, including competitive pay, health and wellness benefits, including medical, dental, life insurance and more
- Savings opportunities for retirement, with an opportunity to become a shareholder

This position may require exposure to information which is subject to US export control regulations, i.e. the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). All applicants must be U.S. persons within the meaning of U.S. regulations. Curtiss-Wright is proud to be an equal opportunity employer, MF/D/V.

If you require accommodation due to a disability at any time during the recruitment and/or assessment process, please advise and we will make all reasonable efforts to accommodate your request.