

AMD-Xilinx Embedded Field Application Engineer

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Company: Avnet LLC

Location: Perth

Category: other-general

AMD-Xilinx Embedded Field Application Engineer page is loadedAMD-Xilinx Embedded Field Application EngineerApplylocationsSydney, New South Wales, AustraliaBrisbane, Queensland, AustraliaAdelaide, South Australia, Australiatime typeFull timeposted onPosted Yesterdayjob requisition idJR-012528About the Role:

Reporting to the AMD-XLX FAE Manager, you will be expected to support the demand creation requirements of Avnet's key supplier - AMD-Xilinx.

As a dedicated Embedded AMD-Xilinx Field Application Engineer, the chosen candidate will be responsible for accelerating the adoption of AMD-Xilinx – Adaptive Computing including Alveo, MPSoC, and Versal leveraging your embedded software knowledge and experience.

The focus will be on growing our market with respect to Alveo and ACAP Products, Zynq SOC design, using tool flows that include C/ C++/Python.

An abundant level of training will be provided locally, interstate, and overseas to continually keep your skills to the highest level.

Duties and Responsibilities:

Fully autonomous role with the ability to work within a team environment.

Cold Calling, and relationship building with customers.

Ability to understand business requirements and translate these into detailed system and software solutions.

Responsible for conceptualization, architecture, and optimization of customers' embedded software design requirements into Xilinx solutions.

Develop reference design and drive training/Webinar sessions.

Demo AMD-Xilinx products' processor-related new features to customers.

Design and develop software for embedded Linux-based customer applications.

Help the customer to build custom Linux-based operating systems for embedded devices, i.e.

Yocto, Buildroot

Help the customer's hardware engineers to ensure software compatibility with hardware

Primary Skills & Experience:

Bachelor or Master in Electronic Engineering or Data Science

5+ years up industry experience in embedded software design

Good experience in designing and developing complex embedded software.

Understanding of embedded processor systems & architectures (hardware-software partitioning, processor architectures, communication, boot process & security, and functional safety)

Knowledge of Linux kernel and device-driver development such as Ethernet, PCIe, and USB.

Experience with C/C++ and TCL and Python programming

Experience with STM32/NXP microcontrollers and Xilinx SOC/FPGA products is preferred.

Able to troubleshoot various kernel issues with the help of the gdb server or host-based debugger.

Excellent written and verbal communication skills, strong attention to detail

Experience in Machine Learning is a value add

Strong interpersonal skills with the ability to rapidly establish rapport and credibility

Fluent English language - Strong presentations skills, and excellent written and verbal communication skills

Valid Driver's license is a must.

Package:

The remuneration package will be competitive and based on experience. Please indicate your expected package in your application. The package will include Salary, Incentive Program, Car Allowance, and Superannuation
Work Experience:

Minimum experience required is typically 5+ years with bachelor's or equivalent. It's possible for a career salesperson to plateau for many years at this level.
Education and

Certification(s):

Bachelor's degree or equivalent experience from which comparable knowledge and job skills can be obtained.
Distinguishing Characteristics:

The above statements are intended to describe the general nature and level of work being

performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills.#J-18808-Ljbffr

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