

Job description:

Field Applications Engineer

As an FAE, you will be working closely with Graphcore's customers and partners as their primary technical interface to Graphcore as they integrate our Intelligence Processing Unit (IPU) technology into their systems. In your work you will engage with some of the world's leading hardware manufacturers, automotive companies, and with some of the world's largest cloud and internet companies.

You will need to develop a deep understanding of our IPU platform and associated hardware and software requirements. The role will include product positioning and acting as a technical consultant to our key customers through architectural evaluation, integration of our technology into their designs and support through production deployment.

RESPONSIBILITIES

- Be a technical expert on Graphcore's products, directly supporting our Sales teams to secure design wins, and to lead hardware and software support of our products from the design-in phase through to successful completion and production deployment
- Work closely with the entire customer team, including sales and AI engineering
- Work with the Product Management and Engineering to ensure a good flow of customer and market feedback that can be incorporated into future products

REQUIREMENTS

- 3+ years of related experience in high tech electronics industry in a design or technical customer support role.
- BS in Electronics Engineering or equivalent work experience
- Comfortable in a hands-on lab environment
- Linux PCIe driver and system administration skills, with Windows skills also beneficial
- Excellent communication & presentations skills and comfortable in a customer-facing environment
- Ability to multitask effectively in a fast paced environment
- Action-oriented with strong analytical and problem solving skills
- Strong time-management and organization skills for coordinating and prioritizing multiple projects and initiatives
- Keen interest to learn about the exciting new field of AI

DIFFERENTIATORS

- MSEE, MSCS or MS in Computer Engineering
- Experience as an FAE working with PCIe form-factor accelerators such as GPUs or FPGAs
- Knowledge of:
 - High speed (>16Gbps) serial interfaces
 - Multi-phase, high current (>100A) power supplies
 - Use of microcontrollers for system control
 - Thermal and power dissipation management
- Experience in the AI or Machine Learning space
- Experience with C/C++, parallel programming and detailed knowledge of computer architectures
- Experience with PCB design
- Experience in the automotive space, including safety critical certifications

This position will require frequent travel to customer & partner sites.

This position could be based at Graphcore's office in Bristol, Palo Alto or working as part of our team distributed through the US.

Graphcore is an equal opportunity workplace and we would like to hear from all qualified applicants. If you have a disability or any special needs that we might need to accommodate, please just let us know