InferX AI Inference Solutions Architecture Manager or Director

Flex Logix will have first silicon/boards of the InferX X1 AI Inference Co-Processor March 2020. Performance on YOLOv3 2 Megapixels is 0.75x that of an Nvidia Tesla T4 but X1 is ~1/10th the power and ~1/10th the cost of the T4. Customer interest in X1 is very high for edge servers, laptops and edge systems. PCIe boards with dual X1 will outperform Nvidia Tesla T4 on YOLOv3. We have started planning for our 2nd InferX chip in 7nm. Our sustainable competitive advantage is our patented interconnect technologies, proven in our eFPGA in 12, 16, 28, 40 and 180nm.

RESPONSIBILITIES

Build a team of solutions architects to provide worldwide customer support, reporting to the CEO.

Pre-sales and post-sales technical support for InferX products: hardware and software; working with sales, engineering, architecture and software teams.

Show customers how InferX can meet and exceed their neural network needs on throughput/$ and /W.

Help customers port their model from their training platform or existing inference platform.

Work with marketing, sales and engineering on application notes, articles and seminars.

EXPERIENCE AND SKILL REQUIRED

BSEE/MSEE with 7 years of industry experience and 3 years as a manager.

Excellence in recruiting and retaining top candidates; and mentoring/training/managing them.

Detailed, hands on knowledge of neural network inference tools/software/applications

- Good knowledge of Tensorflow Lite and/or ONNX is a must
- Good knowledge of Nvidia Inference hardware and software is highly desirable
- Good knowledge of edge server operating system software and drivers is a must

Ability to work closely with architecture, software, hardware teams to solve problems and give feedback for future product improvements.

Strong communication and problem solving skills.

Willingness to travel nationally and internationally, averaging ~one week/month.

Must be passionate about doing this job: wanting to change the world and work hard doing it

Must be entrepreneurial in spirit and an innovative problem solver

Must be willing to do what it takes to get the job done

MUST live in Silicon Valley and have a US citizenship or permanent residency ("green card"), or holding a current H1-B visa