Technical Program Manager – AI Datacenter Systems

Phone :
Web :

Job Summary

Vacancy :
Deadline : Aug 30, 2024
Published : Jul 30, 2024
Employment Status : On-site
Experience : Any
Salary :
Gender : Any
Career Level : Any
Qualification :

Job Description

Tenstorrent is leading the industry on cutting-edge AI technology, revolutionizing performance expectations, ease of use, and cost efficiency. With AI redefining the computing paradigm, solutions must evolve to unify innovations in software models, compilers, platforms, networking, and semiconductors. Our diverse team of technologists have developed a high performance RISC-V CPU from scratch, and share a passion for AI and a deep desire to build the best AI platform possible. We value collaboration, curiosity, and a commitment to solving hard problems. We are growing our team and looking for contributors of all seniorities.

Innovation is hard, and the rewarding journey from concept to deployment is even harder. Technical Program Managers play a critical and pivotal role in driving ecosystems, solving complex challenges, and launching breakthrough products. Tenstorrent is a dynamic startup at the forefront of Artificial Intelligence (AI) and High-Performance Compute (HPC) innovations. We're on a mission to revolutionize the landscape of AI hardware, software, and RISC-V compute. If you're passionate about driving AI Datacenter excellence and strategic executional leadership, we invite you to join us in shaping the future of AI compute technologies ahead. We value collaboration, innovation, curiosity, and a commitment to solving hard problems.

This role isonsite, based out of Toronto, ON or Santa Clara, CA.

Responsibilities:

• Lead and Manage Programs: Drive and manage end-to-end projects involving the design, development, and deployment of AI chip cards, high-performance workstations, and scalable servers within datacenter environments.

• Cross-Functional Coordination: Collaborate with hardware and software engineering teams, product management, operations, and other cross-functional teams to ensure alignment on technical specifications, project goals, and deliverables.

• Technical Expertise: Provide deep technical guidance on AI chip architectures, interconnects, memory hierarchies, and thermal management to optimize performance and efficiency in datacenter deployments.

• Cross-functional Program owner for Cards & Systems portfolio

• Execute across PCB Hardware, Systems FW, Software, Compliance, etc

• Drive schedules, launch readiness, risks, customer features, etc with Product team

• Leadership briefings, Productization, Engineering efficiency

• Define and track clear goals, priorities, and milestones, ensuring alignment with overall Tenstorrent's corporate goals.

• Provide Programmatic guidance, mentorship, and foster a culture of execution within SW teams

• Monitor project progress, identify risks, and proactively implement mitigation strategies.

• Own the product road map from end to end.

Experience & Qualifications:

• BS in Computer Science, Electrical Engineering, or a related technical field; MS/MBA preferred

• 5+ years of Technical program management in Software, Embedded, Semiconductor, or AI domains

• Strong understanding of hardware/software co-design principles, and experience working with cross-functional teams of developers, test, and Field-Application-Engineering.

• Exceptional Program management skills, including the ability to manage multiple programs, prioritize tasks, influence teams and adapt to changing priorities.

• Excellent communication and interpersonal skills, with the ability to collaborate effectively across teams and communicate complex technical concepts.

• Strong analytical and problem-solving abilities, with a proactive approach to identifying and mitigating risks.

• Strong experience and devising metrics, roadmaps, dashboards and preparing executive level presentations

• Experience with project & program management tools and methodologies (e.g., Agile, Scrum, JIRA).

• PMP, PgMP, or other relevant project/program management certifications are a plus.

Tenstorrent offers a highly competitive compensation package and benefits, and we are an equal opportunity employer.

Due to U.S. Export Control laws and regulations, Tenstorrent is required to ensure compliance with licensing regulations when transferring technology to nationals of certain countries that have been licensing conditions set by the U.S. government.

As this position will have direct and/or indirect access to information, systems, or technologies that are subject to U.S. Export Control laws and regulations, please note that citizenship/permanent residency, asylee and refugee information and supporting documentation will be required and considered as a condition of employment. If a U.S. export license is required, employment will not begin until a license with acceptable conditions is granted by the U.S. government. If a U.S. export license with acceptable conditions is not granted by the U.S. government, then the offer of employment will be rescinded.

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits