Job Posting:175818 - Position: S26 Software Engineering, Metal Runtime Intern/PEY 175818B

Co-op Work Term Posted:	2026 - Summer
App Deadline	12/11/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	12/04/2025 10:37 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Tenstorrent Inc.
City	Santa Clara
Province / State	CA

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 Software Engineering, Metal Runtime Intern/PEY 175818B
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	4 months
Work Mode	In-Person
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

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.
As a Software Engineering PEY intern on the Metal Runtime team at Tenstorrent, you'll get hands-on experience working on the low-level software that powers our AI accelerators. You'll learn how high-performance runtime systems are built, how software interacts with custom silicon, and what it means to work close to the metal.
This role is onsite based out of Toronto, Ontario.

Who You Are

• Strong coder in C or C++, with an interest in systems programming
•Curious about threads, processors, memory, and how parallel programs run
•Excited to learn how runtimes and bare-metal software come together to power AI workloads
•Collaborative and proactive about asking questions and solving problems with others

Job Requirements

What We Need

• Support the development and optimization of the Metal runtime that runs on our AI accelerators
•Assist with building bare-metal software that manages compute units, memory movement, and async operations

•Help debug and analyze runtime behaviour across massively parallel systems
•Work alongside hardware and senior software engineers to understand and improve overall system performance

What You Will Learn

• How low-level runtime systems are designed for cutting-edge AI hardware
•How custom ASICs and co-processors communicate and operate in sync
•Techniques for debugging and tuning performance-critical software
•How hardware-software co-design works inside a fast-moving AI startup

Tenstorrent offers a highly competitive compensation package and benefits, and we are an equal opportunity employer.This offer of employment is contingent upon the applicant being eligible to access U.S. export-controlled technology. Due to U.S. export laws, including those codified in the U.S. Export Administration Regulations (EAR), the Company is required to ensure compliance with these laws when transferring technology to nationals of certain countries (such as EAR Country Groups D:1, E1, and E2). These requirements apply to persons located in the U.S. and all countries outside the U.S. As the position offered will have direct and/or indirect access to information, systems, or technologies subject to these laws, the offer may be contingent upon your citizenship/permanent residency status or ability to obtain prior license approval from the U.S. Commerce Department or applicable federal agency. If employment is not possible due to U.S. export laws, any offer of employment will be rescinded.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website
Cover Letter Required? Optional
Special Application Instructions

APPLICATION LINK: https://job-boards.greenhouse.io/tenstorrentuniversity/jobs/4985490007
Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.
Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received.
Students should submit their applications as soon as they are ready.