Job Posting:175437 - Position: W26 Low-Level Software Developer Intern/PEY 175437B

Co-op Work Term Posted:	2026 - Winter
App Deadline	11/24/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	11/17/2025 01:36 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Tenstorrent Inc.
City	Santa Clara
Province / State	CA

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Low-Level Software Developer Intern/PEY 175437B
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	12 or 16 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.
Tenstorrent builds chips for the next generation of AI workloads, and the software stack is where performance and innovation come alive. As an intern on the low-level software team, contribute to the core that runs directly on our AI processors-alongside engineers who love to push boundaries.

This role is onsite in Toronto Canada

What You Will Learn

• Real-world performance tuning at the processor level.
•How low-level software interacts with modern ML systems.
•Tools and techniques for profiling, debugging, and optimization.
•How to work as part of a high-performance team shipping production-grade software.
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.

Job Requirements

Who You Are

• Passionate about building things close to the metal.
•Strong in C/C++ and curious about kernel-level performance.
•Analytical mindset with an eye for optimization and detail.
•Comfortable diving into unfamiliar code, debugging, and collaborating with others.

What We Need

• Contribute to low-level code powering Tenstorrent's AI chips.
•Write, tune, and debug kernels and libraries for ML workloads.
•Profile code, spot bottlenecks, and make things faster.
•Work hands-on with machine learning engineers to get things running in real-world frameworks.

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/4582659007

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.