

Job Posting:175436 - Position: W26 Intern, Scaleout Software (Distributed Systems & Infrastructure) 175436B

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 01:34 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Tenstorrent Inc.
City	Santa Clara
Province / State	CA

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Intern, Scaleout Software (Distributed Systems & Infrastructure) 175436B
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 is seeking a skilled and motivated Software Engineering PEY with a passion for building scalable and high-performance software, interfacing directly with AI Compute Clusters.

In this role, you will work on high-impact projects that directly enable AI deployment at scale. You'll touch everything from low-level software to high-level orchestration, system management and debug tools; collaborating with hardware and software engineers to solve problems that matter. This is a rare opportunity to see your code deployed in production environments and understand the complete distributed AI computing and networking stack.

This role is **onsite**, based out of Toronto.

We welcome students looking for technical internship roles. During the interview process, candidates will be assessed technically.

What Will You Learn

- Hands-on experience shipping production-grade scaleout software for AI infrastructure
- Deep understanding of cluster integration - from runtime systems to networking to operational tooling
- Exposure to cutting-edge observability and cluster management techniques
- Invaluable insights into hardware-software co-design and systems thinking

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

- A driven student pursuing a 12-16 month PEY placement with hunger to make an impact
- Comfortable moving fluidly between hardware concerns, low-level systems software, and high-level frameworks
- Energized by cross-functional collaboration - you thrive managing complexity and dependencies across teams
- A self-starter who takes ownership of projects and isn't afraid to propose solutions

What We Need

- Strong proficiency in C/C++ and Python
- Solid foundation in Computer Architecture, Parallel Programming, and Software Design
- Proven ability to tackle complex technical problems methodically and creatively
- Enthusiasm for high-performance computing and massively parallel systems

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/4976507007>

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.