# Job Posting:175456 - Position: W26 AI Compiler Software Intern (PEY) 175456B

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| **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 02:23 PM |
| **Job Posting Status:** | Approved |

## ORGANIZATION INFORMATION

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| **Organization** | Tenstorrent Inc. |
| **City** | Santa Clara |
| **Province / State** | CA |

## JOB POSTING INFORMATION

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|---|---|
| **Placement Term** | 2026 - Winter |
| **<b> Job Title <b>** | W26 AI Compiler Software Intern (PEY) 175456B |
| **Position Type** | Co-op Position |
| **Job Location** | Toronto, ON |
| **Country** | Canada |
| **Duration** | 12 or 16 months |
| **Work Mode** | Hybrid |
| **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.

At Tenstorrent, interns don't just write code-they help shape the future of AI compute. As a Software Compiler Intern, you'll work with a dedicated mentor and collaborate across software, firmware, hardware, and systems teams. This is a rare chance to work on performance-critical code and gain experience across the full AI stack.

This role is on-site based in Toronto, ON

**Job Requirements**

**Who You Are:**
• Pursuing (or recently completed) a degree in EE, CE, CS, or a related field.
•Solid foundation in C/C++ and algorithms; Python skills are a bonus.
•Curious about compilers, ML, parallel systems, or processor architecture.
•Problem-solver who enjoys working across abstraction layers

**What We Need:**
• Contribute to the development of Tenstorrent's ML graph compiler.
•Benchmark and optimize key ML workloads across hardware/software.
•Build performance analysis tools to inform compiler and runtime design.
•Collaborate with ML and systems teams to co-design across the stack.

**What You Will Learn:**

- Compiler design for machine learning models and workloads.
- End-to-end co-design of software and cutting-edge AI hardware.
- Performance tuning and analysis in a high-performance runtime.
- Real-world ML integration with frameworks and low-level systems.

**Citizenship Requirement**          N/A

## APPLICATION INFORMATION

**Application Procedure**          Through Employer Website
**Special Application Instructions**

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Application Link: https://job-boards.greenhouse.io/tenstorrentuniversity/jobs/4873659007

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.