Job Posting:166696 - Position: S25 AGS Libraries Software Development Intern/Co-Op 166696

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/21/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/05/2025 11:17 AM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	AMD
Address Line 1	1 Commerce Valley Dr E
City	Thornhill
Province / State	ON
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 AGS Libraries Software Development Intern/Co-Op 166696
Position Type	Co-op Position
Job Location	Calgary, AB
Country	Canada
Duration	12 months
Salary Currency	CAD
Salary	65000.0 per year for 0 Major List

Job Description

Job Title: AGS Libraries Software Development Intern/Co-Op

Job ID: 54983

Job Description

WHAT YOU DO AT AMD CHANGES EVERYTHING

We care deeply about transforming lives with AMD technology to enrich our industry, our communities, and the world. Our mission is to build great products that accelerate next-generation computing experiences - the building blocks for the data center, artificial intelligence, PCs, gaming and embedded. Underpinning our mission is the AMD culture. We push the limits of innovation to solve the world's most important challenges. We strive for execution excellence while being direct, humble, collaborative, and inclusive of diverse perspectives.

AMD together we advance_

AGS Libraries Software Development Intern/Co-Op (Undergraduate | Summer 2025 | Onsite)

An exciting internship opportunity to make an immediate contribution to AMD's next generation of technology innovations awaits you! We have a multifaceted, high-energy work environment, filled with a diverse group of employees, and we provide outstanding opportunities for developing your career. During your internship, you will have the opportunity to collaborate with AMD leaders, receive one-on-one mentorship, attend amazing networking events, and much more. Being part of AMD means receiving hands-on experience that will give you a competitive edge. Together We Advance your career!

JOB DETAILS:

• **Location:** Calgary, Alberta, Canada

•**Onsite/Hybrid:** This role require the student to work full time (40 hours a week), onsite work structure throughout the duration of

the co-op/intern term.

•**Duration:** May 5, 2025 to April 24, 2026

The Libraries group in AMD AI GPU Software (AGS) builds the GPU-accelerated, open-source math and communication libraries that power artificial intelligence and high-performance computing applications on workstations, data centers, and super computers.

WHAT YOU'LL BE DOING:

As a co-op student, you will be working with our software development teams on GPU-accelerated libraries in our open source ROCm software platform (https://github.com/ROCmSoftwarePlatform).

• Work and learn from experienced software developers
•Develop new featues
•Test and solve problems on the newest AMD GPUs
•Support machine learning and high-performance applications for workstations, data center servers, and super computers
•Software development techniques and algorithms for high-performance computing
•GPU on AMD GPUs
•Best practices for open-source development
•Technical skills for programming in C++, HIP, and Python

Benefits offered are described: AMD benefits at a glance.

AMD does not accept unsolicited resumes from headhunters, recruitment agencies, or fee-based recruitment services. AMD and its subsidiaries are equal opportunity, inclusive employers and will consider all applicants without regard to age, ancestry, color, marital status, medical condition, mental or physical disability, national origin, race, religion, political and/or third-party affiliation, sex, pregnancy, sexual orientation, gender identity, military or veteran status, or any other characteristic protected by law. We encourage applications from all qualified candidates and will accommodate applicants' needs under the respective laws throughout all stages of the recruitment and selection process

Job Requirements

WHO WE ARE LOOKING FOR:

• You are currently enrolled in a Canada based University in an undergraduate program in Computer Science, Computer Engineering, or a related field.
•If you have knowledge/experience with any of the following technical skills (or related areas) and are enthusiastic about this role, we strongly encourage you to
 apply -
• Coursework on algorithms and software development
•Strong C++ programming
•Experience working on a command line interface
•Familiarity with Linux OS distros
•Strong mathematical skills
•Knowledge of GPU programming is a plus

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website
Cover Letter Required?   Yes
Address Cover Letter to   Hiring Manager
Special Application Instructions

Application Link:

https://careers.amd.com/careers-home/jobs/54983
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.