Job Posting:167617 - Position: S25 Compound AI Engineering Intern 167617B

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/19/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	03/04/2025 04:22 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Groq
Address Line 1	Suite 200 800 El Camino Real
City	Menlo Park
Postal Code / Zip Code	94025
Province / State	CA

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Compound AI Engineering Intern 167617B
Position Type	Co-op Position
Job Location	Various Locations
Country	Canada & USA
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List
Salary Range $	30-50/hr

Job Description

At Groq. We believe in an AI economy powered by human agency. We envision a world where AI is accessible to all, a world that demands processing power that is better, faster, and more affordable than is available today. AI applications are currently constrained by the limitations of the Graphics Processing Unit (GPU), a technology originally developed for the gaming market and soon to become the weakest link in the AI economy.

Enter Groq's LPU™ AI Inference Technology. Specifically engineered for the demands of large language models (LLMs), the Language Processing Unit outpaces the GPU in speed, power, efficiency, and cost-effectiveness. The quickest way to understand the opportunity is to watch the following talk - **groq.link/scspdemo**.

Why join Groq? AI will change humanity forever, and we believe preservation of human agency and self determination is only possible if AI is made affordably and universally accessible. Groq's LPUs will power AI from an early stage, and you will get to leave your fingerprint on civilization.

Compound AI Engineering Intern
Hybrid (Palo Alto, CA or Toronto, Canada)

Groq's Summer Internship Program runs from May - September and is full-time during the duration of the internship.
Mission: Build world class Compound AI solutions built on top of Groq
Responsibilities & opportunities in this role:
• Assist in building the generative AI cloud services layer on top of the foundation of the fast Groq inference stack
 (https://bair.berkeley.edu/blog/2024/02/18/compound-ai-systems/)

•Gain experience working with cross-functional teams, including hardware, software, and systems engineers.
•Assist in designing end-to-end AI systems from model inception to deployment, ensuring high performance and reliability, while integrating Groq hardware accelerators.

Ideal candidates have/are:

• Pursuing a Bachelor's, Master's or PhD degree in Computer Science, Machine Learning, Artificial Intelligence, or a related field.
•A demonstrated interest in Generative AI. Candidates with experience building on Groq's apis will be given extra consideration
•Experience building services in a cloud environment such as GCP
•Strong problem-solving skills
•**Technical Skills:**
• Proficiency in programming languages such as Python, Golang, Rust, C++, and familiarity with libraries like TensorFlow, PyTorch, and OpenCV.
•Strong up-to-date understanding of standards developing in generative AI, like message oriented API reference for chat completion, and JSON schema based structured output generation.
•Experience with data processing and feature extraction for text, images, and audio.
•**Communication:** Excellent verbal and written communication skills, with the ability to convey complex concepts to non-technical stakeholders.
•Must be authorized to work in the United States or Canada

Attributes of a Groqster:

• Humility - Egos are checked at the door
•Collaborative & Team Savvy - We make up the smartest person in the room, together
•Growth & Giver Mindset - Learn it all versus know it all, we share knowledge generously
•Curious & Innovative - Take a creative approach to projects, problems, and design
•Passion, Grit, & Boldness - no limit thinking, fueling informed risk taking
If this sounds like you, we'd love to hear from you!
Compensation: The US pay range for our technical internships is $30-$50 / per hour. The US pay range for our non-technical internships is $30-$40 / per hour. Individual compensation will be commensurate with the candidate's qualifications and experience, country of internship and aligned with Groq's internal leveling guidelines and benchmarks.
Location: Groq is a geo-agnostic company, meaning you work where you are. Exceptional candidates will thrive in asynchronous partnerships and remote collaboration methods. Some roles may require being located near our primary sites, as indicated in the job description.
At Groq: Our goal is to hire and promote an exceptional workforce as diverse as the global populations we serve. Groq is an equal opportunity employer committed to diversity, inclusion, and belonging in all aspects of our organization. We value and celebrate diversity in thought, beliefs, talent, expression, and backgrounds. We know that our individual differences make us better.

Groq is an Equal Opportunity Employer that is committed to inclusion and diversity. Qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, gender, sexual orientation, gender identity, disability or protected veteran status. We also take affirmative action to offer employment opportunities to minorities, women, individuals with disabilities, and protected veterans.
Groq is committed to working with qualified individuals with physical or mental disabilities. Applicants who would like to contact us regarding the accessibility of our website or who need special assistance or a reasonable accommodation for any part of the application or hiring process may contact us at: talent@groq.com. This contact information is for accommodation requests only. Evaluation of requests for reasonable accommodations will be determined on a case-by-case basis.

Citizenship Requirement   N/A

APPLICATION INFORMATION

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

Application Link: https://groq.com/careers/?gh_jid=6297966003
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.