Job Posting:164034 - Position: S25 Software Engineer Intern, Infrastructure 164034B E2

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/19/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/06/2025 10:12 AM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	Matroid
City	Palo Alto
Province / State	CA

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Software Engineer Intern, Infrastructure 164034B E2
Position Type	Co-op Position
Job Location	Palo Alto, CA
Country	USA
Duration	4 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

About Matroid

Matroid's computer vision platform empowers our customers to deploy cutting-edge AI to detect defects, anomalies, objects and events of interests in their video and images, on the cloud or on-premise, with the click of a button.

Founded in 2016 by a Stanford professor, Matroid has a broad and rapidly growing set of customers in manufacturing, industrial IoT, government and security.

We are looking for a Software Engineering Intern who is excited about developing the underlying systems and services that power Matroid's computer vision platform. You will be working in a fast-paced environment, surrounded by experts who are passionate about their work.

This position is onsite at our new downtown Palo Alto office, located near the Stanford campus and Caltrain.

What you'll be doing

• Developing a significant piece of software infrastructure for Matroid's computer vision platform
• Measuring and evaluating technology and design tradeoffs and alternatives
• Iteratively scoping, designing, and building your project while getting feedback and mentorship from experienced team members

How you'll be doing it

• You will work on a standalone infrastructure project with autonomy, yet also have the guidance and mentorship of senior team members
• You'll be working with a modern infrastructure technology stack
• You will be part of a fast-moving, world-class, multidisciplinary engineering team at a Silicon Valley startup
• You will learn a lot along the way, diving into new technologies and the world of computer vision both on your own and during frequent company tech talks.

What you bring to the table
• Working towards a degree in CS or equivalent
•**Significant** experience building software systems, either via previous work experience or personal projects
•**Enthusiasm** for working on infrastructure and backend systems
•**Expertise** with Python and Linux
Bonus points if...
• Demonstrated experience with large, complex software projects
•Expertise with: Kubernetes, AWS, Docker, Kafka, gRPC, Redis
•Familiarity with machine learning technologies, concepts, and operation
What we offer in return
• Competitive pay and compensation
•The chance to constantly work on stimulating intellectual challenges
•Mentorship and opportunities for technical growth
•Gym membership reimbursement
•Free lunch, snacks, and caffeine every day.
•Resources to learn about the cutting edge of software engineering and computer vision
•You'll be working at our new office in downtown Palo Alto, just a five-minute walk from the Caltrain station
Matroid is committed to creating a diverse work environment and is proud to be an equal-opportunity employer. All qualified applicants will receive consideration for employment without regard to race, religion, color, sex, gender identity, sexual orientation, age, non-disqualifying physical or mental disability, national origin, veteran status, or any other basis covered by appropriate law.
Citizenship Requirement   N/A

APPLICATION INFORMATION

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

Application Link: https://matroid.breezy.hr/p/3ccdad20c182-software-engineer-intern-infrastructure-summer-2025

Indicate your interest to apply to this position in SCOPE and also submit your application package via the online website portal.

Applications are accepted on a rolling basis and the posting may expire at any time. Students should submit their applications as soon as they are ready.