



About the job

Position: Senior Software Engineer in Test IV

Company: Liquid, Inc.

Work Location: Westminster, CO (on-site)

Who We Are

Liquid is doing for AI infrastructure what VMware did for x86 servers, bringing the agility of the cloud to the on-prem datacenter to dynamically allocate and share GPUs, memory, and other resources. This functionality is critical in running AI and advanced-data workloads in production (a.k.a. Inference). Liquid Matrix software enables global organizations to accelerate the adoption of AI, HPC and VDI by unlocking the bottleneck of GPU utilization and availability through dynamic pooling and sharing of AI resources for higher performance with less total cost, less power, and less hardware.

Position Summary

Join our Quality Engineering team as a hands-on Senior Software Engineer in Test. You will be responsible for Quality assurance, Solution testing as well as automation for our Composable PCIe and Memory solutions.

Key Responsibilities

Primary responsibilities include but are not limited to:

- Lead end-to-end qualification of CXL memory and PCIe composability solutions.
- Establish and maintain effective relationships with external partners to direct successful development and delivery of complex product solutions.
- Validate PCIe hardware/hosts including GPUs, NICs and others
- Test manageability (BMC/Redfish, general API) for updates, health, and inventory.
- Build light automation (Python/shell/other) to orchestrate tests
- Drive interoperability across hosts and composable solutions.
- Create clear test plans, reproduction scripts, and test reports.
- Partner with field teams to reproduce customer issues and deliver verified fixes.



- Work cross-functionally with Software Engineering and advise on product improvement.

Requirements:

- Bachelor's degree in computer science, engineering, or related field (or equivalent experience)
- 10+ years in QA/QE with senior level ownership of test strategy for systems/solutions
- Solid Linux experience (networking, perf tools, scripting, etc.)
- Hardware/firmware test familiarity: PCIe/CXL, GPU, hot-plug/power/thermal validation

Preferred Qualifications & Experience:

- Experience setting up testbeds and writing reproducible reproduction scripts
- Clustered database testing/benchmarking (e.g., Postgres/MySQL/Cassandra)
- AI/GPU performance testing (CUDA/NCCL/PyTorch)
- Containers and cloud: Docker, Kubernetes experience

Join Us

Embrace the opportunity to be part of a dynamic team, driving innovation in a thriving industry. Apply now to shape the future of IT infrastructure with Liquid. We look forward to receiving your application and exploring how you can contribute to Liquid's growth.

Compensation and Benefits

- Base compensation: \$135k to \$150k/year, depending on experience
- Generous Medical/Dental/Vision/Life/Disability benefits package
- 401K
- Unlimited PTO
- Paid Company Holidays
- Cell phone stipend
- Free daily lunches provided in the office
- Flexible, casual work environment

Liquid is committed to a diverse and inclusive workplace. Liquid provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation,



gender identity or expression, or any other characteristic protected by federal, state, or local laws.

This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.