Linalg LLC

Software assurance, AI systems and technical training.

Linalg LLC is a software engineering company. We review, build and harden software where failure is expensive, for government and industry. Wyoming LLC (2024), building on consulting work since 2019.

CAPABILITY STATEMENT

linalg.ai · sinh@linalg.ai +1 612-787-7464

CORE COMPETENCIES

- **Software assurance & security.** Independent code review and build-pipeline modernization; safety-critical C/C++ with MC/DC coverage and formal verification; security reviews by a CISSP.
- **AI consulting & build.** AI strategy, agentic and retrieval systems, evaluation and red-teaming, taking pilots to production.
- **AI training for teams.** Hands-on generative and agentic AI workshops, led by an NVIDIA DLI Platinum instructor.
- **Accessibility remediation.** Documents and websites brought to WCAG 2.1 AA and PDF/UA, for ADA Title II deadlines.

DIFFERENTIATORS

- **US-only delivery for government work.** Performed in the United States by US persons, with no offshore subcontractors; code and data stay on US-controlled infrastructure unless the agency approves otherwise in writing.
- **Security built in.** Principal holds the ISC2 CISSP, has led two ISO 27001 programs, and teaches graduate security incident response.
- **Teaches the field.** NVIDIA-Certified Instructor, Platinum tier; Georgia Tech teaching staff for CS 6300 Software Development Process (about 1,000 graduate students a term).

PAST PERFORMANCE

Koidra · US · physical AI and industrial control · 2025, 2026
Platform and AI architecture for autonomous greenhouse climate and energy control: edge IoT ingestion in Rust, cloud training of physics and reinforcement-learning models, real-time visualization, GitLab CI/CD. On-site engineering with the Vietnam team in 2025.

Centific · US · computer vision · 2024
Computer-vision and video-analytics engineering: production multi-camera tracking and segmentation; real-time NVIDIA DeepStream pipelines.

Asymmetry Labs · US · agentic AI · 2024-2025
Built an agentic AI platform (LangGraph, RAG, Claude API) that automates due-diligence questionnaire responses for private-equity investor relations.

Orien Trade OÜ (Orientrade) · EU · operations automation · 2025-present
Odoo ERP and point-of-sale rollout for store launches in Paris, Hamburg, Tartu and Tallinn; e-commerce, B2B portal and marketplace (Mirakl) operations automation.

Zodinet · Vietnam · software engineering and delivery across multiple projects.

COMPANY DATA

Legal name	Linalg LLC
Contact	Sinh Tran, Founding Partner
Entity	Wyoming LLC (2024), S corporation
Founded	2024 (LLC); consulting since 2019
UEI	Pending (SAM.gov registration in progress)
CAGE	Pending (SAM.gov registration in progress)
Size	Small business
Delivery	Remote, US-based
Payment	Government purchase card accepted; ACH

NAICS

541511	Custom computer programming (primary)
541512	Computer systems design
541519	Other computer related services
541715	R&D, physical/engineering sciences
541690	Scientific and technical consulting
611430	Professional and management training

PSC

DA01	IT application development support
DJ01	IT security and compliance support

PRINCIPAL

Sinh Tran, Founding Partner. Engineering leadership since 2012 (14+ years): founding engineer to engineering director (Smarp, Inspectorio, Cisco Meraki, Postclick, Koidra).

- MSc Computer Science (Machine Learning), Georgia Tech
- CISSP (ISC2)
- NVIDIA-Certified Instructor; NCA-GENM
- PSM III, PSPO III, PMI-ACP
- U.S. citizen