



[CORE COMPETENCIES]

TECHNICAL CAPABILITIES

PRODUCTION AI & COMPUTER VISION

RAG systems • LLM applications • Workflow automation • Object detection • Video analytics • Edge inference • LLM guardrails

SOFTWARE & IT MODERNIZATION

Custom web apps • Python backends • REST & GraphQL APIs • Legacy modernization • Data pipelines • Secure cloud deployment

MECHATRONICS & EDGE SYSTEMS

Sensor fusion • Edge AI • Embedded software • Hardware-in-the-loop workflows • UAS/UGV support • Secure system integration

[PAST PERFORMANCE]

DELIVERY RECORD

NATIONAL HEALTH SYSTEM • HEALTHCARE AUTOMATION

Medical billing and coding automation software. AI-powered system for streamlining clinical documentation workflows.

BACKWORK • HEALTHCARE COVERAGE VERIFICATION

Ongoing Grayhaven-built platform: multi-payer search • pre-submission audits • policy tracking • REST APIs • backworkai.com

MAJOR LEGAL DATA COMPANY • SOFTWARE & AI SYSTEMS

Production software and AI systems for risk, insurance, and legal workflows • data analysis • automation • API integration

[DELIVERY MODEL]

WHO DOES THE WORK

Tyler Gibbs scopes, builds, and delivers every engagement personally. The person who writes the estimate is the person who writes the code, so requirements survive intact from award to deployment. The contracting officer and the technical point of contact talk to the principal directly. There is no account layer and no rotating bench.

[COMMITMENTS]

HOW WORK IS DELIVERED

- **Quality assurance.** Code review and automated tests on every deliverable.
- **Transparent delivery.** Written progress reporting on a fixed cadence.
- **Direct access.** Questions go to the principal, not an account manager.
- **Post-deployment support.** Warranty and maintenance included.

[MISSION]

Grayhaven Labs builds software, AI, computer vision, and mechatronics systems for federal agencies. Founder Tyler Gibbs delivers each engagement himself, backed by code review, testing, written progress reporting, and post-deployment support. Production systems already run in healthcare and legal data, two of the most heavily regulated commercial sectors there are.

[TECHNOLOGY STACK]

PLATFORMS & FRAMEWORKS

LANGUAGES & FRAMEWORKS

Python • TypeScript • Go • React • Next.js • FastAPI • PyTorch • TensorFlow • LangChain • OpenAI • Anthropic

INFRASTRUCTURE & CLOUD

AWS (EC2, Lambda, S3, SageMaker) • Azure • GCP • Vercel • Docker • Kubernetes • Terraform • GitHub Actions

DATA & AI TOOLING

Data Analysis • PostgreSQL • Pinecone • Weaviate • Redis • MongoDB • YOLO • OpenCV • Hugging Face • AI SDK • Claude AI SDK

[NAICS CODES]

CONTRACT CLASSIFICATIONS

541511	Custom Computer Programming (PRIMARY)
541512	Computer Systems Design
541715	R&D Engineering & Life Sciences
518210	Computing Infrastructure
611420	Computer Training

PSC CODES: DA01 • R425 • B529 • AJ12-AJ16

COMPANY DATA

Grayhaven Labs LLC • Single-member LLC • Oklahoma City, OK • Founded 2025

[CERTIFICATIONS & REGISTRATIONS]

COMPLIANCE

- ✓ SAM.gov Registered
- ✓ CAGE Code: 16AM3
- ✓ UEI: R345M6VP1619
- ✓ Choctaw / Native American Owned
- ✓ Small Business

PRIMARY CONTACT

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LOCATION

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