

Applied research, adaptive software, and high-trust operational systems

COMPANY OVERVIEW

NeuNuc LLC is a founder-led research and engineering company building cognitive infrastructure for human variability. NeuNuc turns complex workflows, fragmented knowledge, and high-trust operating requirements into focused, testable systems.

CORE CAPABILITIES

01 APPLIED RESEARCH + SYSTEMS DESIGN

Human-computer interaction, human factors, workflow analysis, systems architecture, technical documentation, evaluation planning, and implementation roadmaps.

02 CUSTOM SOFTWARE + OPERATIONS

Purpose-built workspaces, portals, dashboards, knowledge systems, structured intake, automation, local AI integration, and controlled agent workflows.

03 TRUST + GOVERNANCE

Identity and authority boundaries, consent-aware workflows, human approval, evidence, auditability, defensive AI evaluation, security architecture, and failure recovery.

DIFFERENTIATORS

- Human variability treated as a design requirement, not an edge case.
- Local-first and provider-aware AI options for controlled environments.
- Small, bounded pilots that produce evidence before scope expands.
- Founder-led continuity from discovery through architecture and delivery.
- Clear separation of implemented, defined, planned, and unknown work.

FEDERAL PROFILE

SAM ENTITY

HELEN KELLA / NEUNUC LLC

UEI

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CAGE

1EVU9

STATUS

Active through Apr 1, 2027

PRIMARY NAICS

541715

BUSINESS

WOSB / Woman-Owned

SELECTED NAICS

541511 Custom Programming
541512 Systems Design
518210 Computing Infrastructure
541690 Technical Consulting
541720 Social Sciences R&D
611430 Professional Training

SELECTED PSC

7A20 / 7A21 Application Software
AJ11 General Science R&D
R408 / R410 Program Support
U008 / U009 Training

START WITH ONE USEFUL OUTCOME

Available for research, prototypes, pilots, teaming, subcontracting, and focused implementation.

Alignment: DoD human factors/resilience; NSF R&D; NIMH/SAMHSA research infrastructure; acquisition; private-sector modernization.

MYSTICAL MAHNKE · FOUNDER + PRINCIPAL ARCHITECT

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SAM registration details are based on the Entity Information export generated July 13, 2026. WOSB and Woman-Owned are SAM business classifications; no separate SBA certification is claimed here.