

MAUD LLC repairs and modernizes legacy software, builds custom applications and tests systems for security flaws. One accountable engineer runs the work from start to finish.

CORE CAPABILITIES

01 Legacy software repair and modernization

- C++ and older codebases: get them building on current compilers and systems
- Find and fix defects, keep validated scientific and business logic intact
- Regression testing against known outputs
- Documentation and handover

02 Custom software

- Web and mobile applications, APIs and system integrations

03 AI and automation

- LLM applications, AI-assisted code analysis, data pipelines, evaluation datasets

04 Cybersecurity

- Secure code review, vulnerability assessment, security testing of web applications, secure software development practice

05 Data and cloud

- Microsoft Azure, Cloudflare, PostgreSQL, data processing

DIFFERENTIATORS

- **Direct access.** Small senior team. You talk to the engineer doing the work. No handoffs.
- **Speed with review.** AI-assisted engineering for speed, with human review of every change.
- **Security first.** Cybersecurity background built into how we write, review and test code.
- **On-site.** Based in western Pennsylvania. Can meet on-site in PA, OH and NY.

SELECTED WORK

Cobblehop (cobblehop.com). AI transit companion app for Massachusetts riders. Route planning on MBTA real-time data. Built and operated by our team, live in production on Microsoft Azure.

Ahmad Haji, Owner. First place team, BSidesROC 2025 Capture the Flag. B.S. Cybersecurity, Gannon University (expected May 2027).

COMPANY DATA

LEGAL NAME	MAUD LLC
LOCATION	Erie, Pennsylvania
UEI	DFQKTG6CLFV6
CAGE	Pending (SAM registration submitted Oct 30, 2026)
SIZE	Small business
PAYMENT	Government purchase card accepted

NAICS CODES

541511	Custom Computer Programming Services (primary)
541512	Computer Systems Design
541519	Other Computer Related Services
541513	Computer Facilities Management
518210	Computing Infrastructure, Data Processing, Hosting
513210	Software Publishers
541715	R&D in Physical, Engineering and Life Sciences
541690	Other Scientific and Technical Consulting
541990	All Other Professional, Scientific and Technical Services
611420	Computer Training
611430	Professional and Management Development Training
519290	Web Search Portals and All Other Information Services
423430	Computer Equipment Wholesalers

POINT OF CONTACT

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