

Jeremy Cleland

Director - Senior Software Engineer at Gray Matter Resources

Agentic AI & Intelligence Systems
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SUMMARY

Director - Senior Software Engineer at Gray Matter Resources and retired U.S. Army Special Forces Medical Sergeant (18D). Hands-on experience in agentic AI workflows, LLM applications, API integrations, and clinical-evidence workflows, with an emphasis on reliable behavior, traceable outputs, and human oversight. M.S. in Artificial Intelligence, University of Michigan-Dearborn (2025).

CORE SKILLS

Software and AI: Python, agentic AI and tool calling, LLM applications, API integrations, clinical-evidence workflows, prompt engineering and evaluation.

Medical and Mission Expertise: Special Operations medicine, GCC and ASCC-level medical evacuation planning, Virtual Battle Simulator (VBS), tactical medical training, medical evacuation and logistics tools, Palantir, Google Earth.

PROFESSIONAL EXPERIENCE

Director - Senior Software Engineer | Gray Matter Resources | Current

- Bringing hands-on AI engineering, software development, and U.S. Army Special Operations experience to Gray Matter Resources.
- Applying experience in agentic AI, LLM applications, and API integrations to practical software, with an emphasis on reliable behavior, traceable outputs, and human oversight.

Medical Innovation Officer | VetClaims.ai | August 2025 - May 15, 2026

- Developed agentic workflows that transformed complex government and VA source material into grounded clinical-evidence outputs for human review.
- Built and iterated agentic architectures featuring tool-calling loops, multi-agent collaboration patterns, session memory management, and external tool/MCP-style integrations that replaced manual handoffs.
- Applied prompt engineering, evaluation, and code review practices for controllability and reliability; combined hands-on engineering with product collaboration in 2-4 week delivery cycles.

AI Engineer & Graduate Research Assistant | University of Michigan-Dearborn | 2024 - 2025

- Conducted part-time graduate research (20 hours/week), developing machine learning pipelines for sepsis detection, NLP classification, and resource optimization.

Special Forces Medical Sergeant (18D) | U.S. Army, 7th Special Forces Group (Airborne) | 2014 - 2022

- Completed two deployments to Colombia and two deployments to Afghanistan as a U.S. Army Special Forces Medical Sergeant (18D). Served as the Special Forces Medical Sergeant on an embassy assignment.
- Developed GIS-enabled medical evacuation and logistics tools using Palantir and Google Earth, supporting field tracking and geospatial decision-making.
- Developed and delivered tactical medical training for Special Forces medics across six multinational units.

Special Operations Combat Medic / Training | U.S. Army | 2011 - 2014

Combat Medic | U.S. Army | 2008 - 2011

EDUCATION

M.S., Artificial Intelligence (Machine Learning) - University of Michigan-Dearborn, 2025

Relevant coursework: Reinforcement Learning, Advanced ML, Data Analysis, Geographic Information Systems

B.S., Liberal Arts - Excelsior University, 2022 | Summa Cum Laude, 4.0 GPA

Certificate - Advanced Software Development with JavaScript - Code Fellows, 2023

CREDENTIALS AND RECOGNITION

Prior TS/SCI clearance (inactive); previously favorably adjudicated - eligible for sponsorship of a new investigation. United States citizen.

Army Commendation Medal with Valor (ARCOM w/ "V" device) | PCEP - Certified Entry-Level Python Programmer | AWS Certified Machine Learning - Specialty - in progress