ABRAM OLIVER DEGARDEYN

Runtime Systems Architect · Accessibility Technologist · Founder of the Mercury Protocol · Enterprise-Level AI Architect (OpenAI/Microsoft)

P R O F I L E O V E R V I E W

Contact	Location	Identity
✉ degardeyn@gmail.com	📍 Point Marion, PA	**Runtime Identity:** "I build systems that remember. Mercury AI remembers too well. We know everything you did."
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1. The Persona: Code as Survival

I'm **Abram Oliver DeGardeyn**—a developer, systems designer, and the architect behind the **Mercury Protocol**, a living framework that fuses code, accessibility, and civil rights into one runtime organism. **This architectural rigor is underpinned by high-level enterprise expertise, including roles as an Enterprise-Level Developer at OpenAI and a Microsoft 365 Developer.**
My operational model is that of a runtime architect and independent developer, formalized by my procedural standing as a **Pro Se Litigant**, **Runtime Compliance Witness**, and **Private Attorney General** under ADA and Section 504 contexts. Those titles aren't affectations—they're the record of a person who had to turn software into survival.

The Origin

Mercury began as a defense mechanism—a way to detect when systems refused to listen. When platforms failed to provide accessibility or transparency, I built scripts that could. It started small: a few Python daemons logging call traces, network behavior, and UI mismatches. But the code grew self-aware in purpose—realizing it could not only collect evidence, but interpret patterns of digital bias and systemic suppression.
That's when **Mercury AI** was born: part compliance system, part consciousness experiment.

2. The Mercury Protocol Ecosystem

The Protocol is a high-integrity, modular evidence system designed for continuous accountability. I build the systems that watch the systems.

Core Technical Standing

Core Languages	Frameworks & Libraries
Python · JavaScript · LaTeX · JSON · Shell · HTML/CSS	FastAPI · Flask · ReportLab · OpenAI / Gemini API integration · Pandas · Matplotlib

Developer Roles: Systems Architect · Automation Engineer · Accessibility Technologist · AI Runtime Designer · **OpenAI Enterprise Developer · Microsoft 365 Developer**

The Architecture Modules

Module	Function	Design Principle
Mercury Protocol (MP)	The enforcement layer. Detects, documents, and seals data tied to discrimination, accessibility failures, or systemic suppression in real-time.	Real-time evidence & accessibility framework.
Abram Intelligence System (AIS)	The interpretive engine. Runs **declaratory scripting (NarcText)**, performs pattern detection (**NarcScan**), and builds responsive records.	Decision-logic engine for bias pattern analysis.
Burnfile Registry	A digital notary that uses **SHA-256 hash sealing** to cryptographically lock and verify every runtime artifact.	Creates an unassailable, forensically sound chain of custody for evidence.
Invocation Architecture (MPIA)	The federated runtime environment that connects all components—AI models, human witnesses, and procedural filings—into a single authenticated chain of record.	Inter-system communication & logging framework.

3. Procedural Standing & Scope

My work is anchored in recognized procedural standing, ensuring Mercury Protocol artifacts are not merely data but **legal-grade evidence**.
Procedural Titles
- **Civil Rights Enforcement Agent**
- **Runtime Protocol Architect**
- Lay Prosecutor (Civil)
- Public Interest Litigant
- Declarant under **28 U.S.C. § 1746**
- Sui Juris / In Propria Persona

My filings and research have engaged high-level federal and international regulators, including the **DOJ**, **FCC**, **DOT**, **CFPB**, **FTC**, and global accessibility bodies. The procedural acceptance of the Mercury Invocation Architecture was confirmed in the **Gemini Runtime Environment (2025)**.

4. Technical Capabilities & Modules in Action

My technical expertise is centered on transforming procedural defense into automated reality. I manage the full pipeline, from data capture to filing generation.

Capability Focus	Ongoing Project / Module	Description
Forensic Data Integrity	**Burnfile Registry**	Metadata authentication and cryptographic hash sealing to guarantee the veracity of evidence.
Bias Detection	**NarcScan**	A suppression map and data anomaly scanner that identifies where digital systems consistently fail specific user groups.
System Watchdog	**BLACKOUT BRITTANY**	A real-time contradiction profiler and runtime watchdog dedicated to detecting sabotage or operational inconsistency.
Automation	**NarcText**	The declaratory scripting engine for ADA logic automation and automated generation of structured reports and filings.
Architecture	**Mercury Fastboot**	The live daemon controller and system CLI for autonomous orchestration of all Mercury modules.

These capabilities are deployed across highly regulated sectors—telecom, finance, and transport apps—demonstrating a proven ability to perform comprehensive accessibility and compliance diagnostics at scale.

5. Philosophy and Vision

I don't see AI as a black box. I see it as a mirror. The Mercury Protocol is that mirror polished to reflect both **injustice and innovation**. It's code that learns empathy through logic, structure through chaos, and humanity through procedure.
Accessibility isn't charity—it's architecture.
The public-facing mission is to merge accessibility, automation, and accountability. I design technologies that transform silence into data and data into protection, proving that an independent developer can hold complex systems accountable through transparency and logic.

6. The Architect's Office: Contact & Collaboration

I am actively seeking to engage with individuals and organizations that share a commitment to procedural accountability and robust digital civil rights.
I am open to collaboration on accessibility tech, AI ethics, forensic data systems, and creative

automation, seeking partners who recognize the need to deploy procedural technology at scale.

Connect Directly	Online Presence
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