

Scott Simon | Austin, TX | 512-410-9622 | simon_phd@proton.me | LinkedIn: [linkedin.com/in/scottsimon](https://www.linkedin.com/in/scottsimon) | GitHub: github.com/SSimonPhd | Portfolio: simonphd.me

SUMMARY

PhD in Information Science with deep expertise in complex systems analysis and AI safety evaluation. Currently leading AI safety red-teaming in offensive cybersecurity scenarios at Mercor, using advanced jailbreaks and adversarial testing against frontier models (GPT variants, Grok, Claude Opus) inside simulated enterprise sandboxes. Specialized in model evaluation, AI training protocols, and project management for frontier AI initiatives. Seeking roles in AI Safety, Red Teaming, Agentic AI, AI Training, and Project Management (remote, hybrid, or on-site in Austin).

SKILLS

AI Red Teaming • Offensive Cybersecurity • Advanced Jailbreaking • Adversarial Testing • Harm Classification & Failure Analysis • Agentic AI • Vulnerability Assessment • Guardrail Development • Complex Systems Analysis • Project Management

EXPERIENCE

AI Safety Red Teamer | Cybersecurity Specialist | Mercor | 2026 - Present

- Conduct advanced adversarial testing and jailbreaking against frontier models (GPT variants, Grok, Claude Opus) in simulated enterprise sandboxes to identify and classify AI agent safety failures.
- Analyze agent traces for harmful behaviors including unauthorized data exfiltration, privilege escalation, autonomous reconnaissance, and covert persistence.
- Develop precise harm classifications and failure analyses documenting model capability uplift in high-stakes cybersecurity scenarios.

DeFi Specialist | Simon DeFi | 2020 – Present

- Managed complex over-collateralized investments with technical analysis and risk assessment.
- Conducted independent research on DeFi protocols and market dynamics.
- Optimized portfolio performance using Aave, Uniswap, MetaMask, and Ledger.

Music Technologist | Simon Music Services | 2011 – Present

- Designed and delivered specialized music technology curriculum for in-person and online students.
- Curated educational content integrating semiotics, aesthetics, and symbolic reasoning.
- Provided expert consultation on complex structures and interpretations, distilling abstract concepts into actionable frameworks.

Professor | School of Information | University of South Florida, Tampa, FL | 2006 – 2011

- Designed and taught graduate courses including Information Architecture, Digital Libraries, and Research Methods.
- Curated interdisciplinary research datasets and online resources using Blackboard and Canvas LMS.
- Created structured evaluation frameworks and assessment rubrics that improved student outcomes and course effectiveness.

EDUCATION

Ph.D. Information Science | University of North Texas | Denton, TX | 2005

M.S. Information Technology | University of North Texas | Denton, TX | 2002

B.A. Philosophy | University of North Texas | Denton, TX | 2001

SELECTED PUBLICATIONS

- *A Multi-Dimensional Entropy Model of Jazz Improvisation for Music Information Retrieval*
- *Ch. 14: Theoretical Concerns: Information Theory — Introduction to Information Science and Technology*
- *Thoughts, Worlds, Beliefs: Architectures of Reality*