

# Shaun Geer

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## Summary of Qualifications

- **Took early-stage products from concept to proof of concept** in fast-moving environments, leading discovery, requirements definition, and testing.
- **10+ years in data science and research**, translating complex technical and scientific developments into clear narratives for non-specialist stakeholders.
- **Builder's sense of positioning and story**, developing messaging and market research that make complex technical work legible to researchers and partners.

**Selected areas of expertise:** Early-stage product development | Requirements definition and testing | Market research and positioning | Scientific and technical products | AI product landscape | Cross-functional delivery | User research | Go-to-market strategy

## Recent Applied AI Project

**Lived Expertise, San Francisco, CA**

Apr 2026 - Present

*Structuring lived patient experience into usable biomedical insights. Co-author & LLM pipeline architect; First place, Human Enhancement Hackathon; [github.com/Ely-S/PatientPunk](https://github.com/Ely-S/PatientPunk)*  
**Founder/Core Contributor**

- Built the extraction pipeline turning unstructured patient forum posts into a queryable SQL research corpus: 69,000+ authors, ~199,000 treatment-outcome pairs across 14 communities, with a provider-agnostic LLM layer and schema-validated variable output.
- Created analytics pipeline and dashboard for patients to look up specific symptoms and get recommendations for targeted treatments based on their profile.
- Co-sourced and co-managed active research partnerships with the Open Medicine Foundation, the University of Toronto, and Render Foundation, establishing data-sharing frameworks to predict and direct randomized clinical trials for Long COVID.
- Co-authored the methodology paper, which correctly predicted the direction of all six clinical-trial outcomes tested (validated against trained human coders).

## Work Experience

The Lifted Initiative, Traverse City, MI

Nov 2023 - Mar 2026

*Decentralized Layer-0 blockchain focused on creating sovereign cloud services for early-stage AI projects, operating within emerging global regulatory frameworks.*

**Head of Digital Transformation**

- Directed ecosystem strategy and partnerships, engaging with AI-focused startups, enterprises, DAOs, and regulatory bodies to move early-stage projects closer to product launch.
- Led UX testing on a digital asset wallet application, producing structured, data-based findings that informed product design decisions.

Tamarin Health, Boston, MA

Feb 2023 - March 2025

*Health data technology company focused on the implementation of cryptographic privacy-preserving computation.*

**Technology Advisor (Mar 2024 - March 2025); Product and Business Development Manager (Feb 2023 - Mar 2024)**

- Led technical scoping of product architecture with faculty from CMU, UPenn, and corporate partner Ligero; authored integration docs used as "source of truth" for MVP.

- Produced technical progress reports for the National Science Foundation, translating complex cryptographic and product developments into clear narratives for non-specialist stakeholders.
- Identified and secured \$130,000+ in accelerator applications and non-dilutive grants.
- Prepared senior leadership for presentations to congressional representatives, developing messaging for high-stakes government stakeholder engagements.

Independent Consultant, San Francisco, CA

Jan 2022 - March 2025

*Consultant for AI, Decentralized Finance and Web3 organizations and DAOs on digital asset strategy, governance, product-market fit, and ecosystem development.*

### **Web3 Consultant**

- Led a DeFi product research engagement (via BanklessDAO), coordinating an 11-person cross-functional team, analyzing on-chain and user data, and producing concrete product and go-to-market recommendations for a crypto payments protocol.
- Led an angel syndicate investment process, applying structured due diligence frameworks to evaluate early-stage AI and blockchain systems, assessing technical assumptions, readiness, and stakeholder criteria to produce comparative assessments and clear investment recommendations.

Parameter Risk Market Protocol, San Francisco, CA

Nov 2022 - Nov 2023

*DeFi Risk-Market protocol*

### **Co-Founder**

- Served as founding CEO and Product Manager, leading a three-person engineering team from concept through proof-of-concept launch.
- Managed full product delivery lifecycle, from discovery and requirements definition through feature prioritization, testing, and proof-of-concept launch.

Technical & Academic Research, Various Locations

September 2003 - Jan 2022

*Cross-disciplinary research applying data science, network analysis, and statistical modeling to complex technical problems across multiple domains.*

### **Researcher (Los Alamos National Labs, Harvard University, UC Davis)**

- Applied statistical modeling and qualitative analysis to identify systemic bias in large research corpora, producing findings that informed methodological adjustments.
- Built data pipelines and analysis for large text and network corpora; documented protocols, ran reliability checks, and reported findings used to adjust methods.

## **Technical Skills**

- **Languages:** SQL(PostgreSQL), Python (including Pandas), R, Java, C++, C, Perl, VBA, HTML/CSS
- **Programs:** Dune Analytics, PowerBI, Matlab, Atlas, Nvivo, Stata
- **Statistics:** A/B and A/B/n testing, Probabilistic statistics (Multivariate regression analysis, Logit, ANOVA, chi-square, Fisher's Exact, etc.), Hazard Modeling (also known as Survival Analysis), Markov modeling, Network(Graph) analysis, Neural Networks, Computational Linguistics
- **Qualitative Analysis:** User Experience testing, Interview design, Survey design, Thematic analysis, Design Ethnography

## **Education**

- University of California, Davis: M.S. in Sociology
- University of California, Davis: M.S. in Comparative Pathology
- Cornell University: College of Arts and Sciences, B.A. in Biology and Psychology, cum laude