CV: Ian Derrington

Location: Seattle, WA **Web:** ian.ceo, supernal.ai

Summary

Research engineer and scientist working at the intersection of AI systems, biophysics, and safety. PhD Physics. Nine years at Roche building biological sequence models and leading GenAI adoption. Since then: designing and building production multi-agent harnesses, developer tooling, and agentic infra. Published in Nature Biotechnology and PNAS. Multiple licensed patents.

Experience

CTO, Supernal Intelligence and Agent Systems, Seattle, WA (2025 to present)

Leads a team of 2.

- Built an AI operating system for biotech companies to help them stay efficient and compliant in their code and activities, so teams can focus on creating value instead of process overhead.
- Created Supernal Dashboard (product): multi-agent development meta-harness with customizable agents for task tracking, cross-agent messaging, memory management, and self-optimizing feedback loops for building and managing compliant codebases and entire companies.
- Created Supernal TTS (unmarketed product): multi-vendor text-to-speech API with caching layer to reduce computation and simplify deployment for traditional and vibe developers.

Principal Data Scientist, Roche, Santa Clara, CA (2016 to 2025)

- Co-president of the Responsible Oversight of AI; led pilot partnerships with AI safety organizations; guided internal and external vendor collaboration.
- Developed and used AI at all levels: deep learning and predictive models, transformer-based Bio-LLMs, and the models and training pipelines to build and improve them. Created training pipelines that multiple teams used to build and change the Bio-LLMs.
- Developed our multi-repository documentation system, used for multiple years and compliance.
- Awarded a 2023 Creator-Event hackathon award for creating tools for managing generative AI.

President / CEO, Make Truth Matter (Again), Dover, DE (2019 to present)

Led a team of 5.

- Created MTM(A), a 501c3 nonprofit to produce AI-enabled solutions to minimize disinfo harm.
- Designed and managed the creation of IsXY!?, a scalable online game that encourages thoughtful recognition of AI or person-created disinformation.
- Created The Honest Majority, a purpose-driven brand to encourage honesty with stories.
- Created several online communities with between 350 and 500 participants.

Technical

- Agent infrastructure: Claude/Cursor/Supernal multi-agent orchestration, memory systems, MCP.

- ML/AI: PyTorch, Lightning, Hydra, LangChain, Weights & Biases, Google Vertex.
- Languages: Python, TypeScript/JavaScript.
- Data: pandas, numpy, scikit-learn, TensorFlow.

Education

- Cert. in Entrepreneurship and Innovation, Stanford University GSB, Stanford, CA (2019)
- Ph.D. Physics, University of Washington, Seattle, WA (2011)
- B.S.E. Engineering Physics, summa cum laude, University of Colorado, Boulder, CO (2005)
- B.S.E. in Applied Mathematics, University of Colorado, Boulder, CO (2005)

Selected peer-reviewed contributions

Selected published and applied patents