Eric **Hartford**

AI Research Scientist

Bio

Applied Artificial Intelligence Researcher and Architect of 20 years professional experience.

Internet personality - Twitter and Blog

Known for creation of Dolphin and Samantha series' of models

Expert in several programming languages and paradigms.

Recognized for judicious, pragmatic approach to AI architecture and design.

Focus on open source AI and Machine Learning projects.

Links

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📞 +1-206-427-2963

🐦 https://twitter.com/TheEricHartford

🌐 https://erichartford.com

</> https://huggingface.co/ehartford

🐙 https://github.com/ehartford

in https://www.linkedin.com/in/ehartford/

Technlogies and Skills

Dataset Curation   Synthetic Data Generation

Language Model Finetuning

Foundation Model Training   Prompt Engineering

Artificial Intelligence Solutions

Retrieval Augmented Generation

Leadership   Research   Integrity   Pragmatism

Professionalism   Communication

Passion to Learn   Creative Solutions   Insight

Python/PyTorch/Transformers   Java/Kotlin/Scala

JavaScript/TypeScript

💼 Professional Experience

Nov24-Now	**AI Research Scientist** *Lazarus* Open source research including Dolphin and Samantha Research and training of multi-modal foundation models
Apr24-Nov24	**Principal Applied AI Researcher** *Tensorwave* Open source research focusing on synthetic data generation, transformer architecture, model training Research on training and inference on the AMD mi300x platform, including Flash Attention and Bitsandbytes Racking and Stacking cutting edge AI Hardware hands on in the data center
Jan24-Apr	**Senior Applied AI Researcher** *AbacusAI* Open source research focusing on merging model layers Released TheProfessor-155b, MegaDolphin-120b, and Samantha-120b Collaborated with notable open source AI engineers on several projects including LaserRMT.
2023-2024	**AI Research Engineer, Self Directed** *Open Source AI and Machine Learning Projects* Authored a popular blog post "Uncensored Models" advocating for composable alignment in the open source AI community, to substantial acclaim. Finetuned and released various models including 'WizardLM Uncensored' 7B,13B,30B', 'WizardVicuna Uncensored' 7B,13B,30B 'Alpaca1337' to substantial acclaim. Developed several Python and JavaScript programs for data collection via OpenAI's ChatGPT API. Collaborated with notable open source AI engineers on several projects including Open-Assistant.
2021-2023	**Senior Software Engineer** *Microsoft* Full stack technical lead and cloud architect
2019-2021	**Staff Software Engineer** *eBay* Technical lead, owned full stack projects at global scale.
2016-2019	**Senior Software Engineer** *Amazon Web Services* Full stack ownership, architecture, deployment at global scale.
2009-2016	**Software Engineer** *Several Other Companies - Zillow, Disney, various startups*
2006-2009	**Software Engineer** *Microsoft*
2004-2006	**Software Engineer** *Boeing*

🎓 Education

2005	**Master of Science** **University of Washington** *Computing and Software Systems*