

Stephen Lenhart

Flagstaff, AZ 86001 | (928)255-9076 | lenhart.lenhart@gmail.com | www.github.com/philosofool

Employment

Machine Learning Engineer, Decide (March 2023-June 2025)

- Machine Learning development and deployment in a code-first environment. Low-latency systems on Google Cloud Platform with unified data-training-evaluation-deployment process. Reduced all model latencies to <15ms @ 99th percentile.
- Classification, regression, recommendation, and forecasting with neural networks, GLMs, gradient boosting, and Bayesian models. Delivered 50,000,000+ recommendations per day.
- Lead development and deployment in cross-functional effort to automate real-time pricing: 7% increase in margins while satisfying business constraints.

Applied Machine Learning Data Analyst, Decide (March 2021-2023)

- Design and improve prediction and decision components of Python ad delivery systems. Automate decision logic and prediction models, leveraging ML, timeseries and Bayesian approaches.
- Automate model evaluation, experiments, A/B testing and multi-armed bandits optimized for internal and client key performance indicators. Improved velocity of A/B >400%.
- Develop and improve ML ops backend and shared codebase for ad delivery and launch of Decide's Decision Marketplace. Collaborate with Applied ML team on direction for increased success of the Decide AI platform and perform essential activities, such as pull request review, code documentation, and unit test development.

Lecturer, Northern Arizona University, Department of Philosophy (2010-2020)

- Design, implement and deliver curriculum in Decision Theory, Scientific Reasoning, and Philosophy of Science.

Skills

Expert: Python, Tensorflow/Keras, Pandas, Numpy, Machine Learning, SQL, Data Visualization

Familiar: Pytorch, Pytest (testing), LLM/AI Applications (Langchain prompt engineering, RAG, agentic tools), numba, Git, GitHub, Linux OS, Statistics, Docker, Google Cloud and cloud deployment practices, Azure, C++, R

Pluses: Excellent written and oral communication developed as a teacher of complex subjects to first through fourth year college students; remote work experience; work in diverse communities.

Education

M.S., Data Science (In Progress), The University of Arizona, Expected Graduation 2026

Ph.D. Philosophy (Philosophy of Science), The University of Arizona

B.A. Philosophy, The University of North Carolina, Chapel Hill.