Colin Shaw

413 West Cedar Street
Rogers, AR 72756 USA
+1 479 925 6098 (WA)
+34 695 93 08 57

colin@foresightengineers.com
linkedin.com/in/colingshaw
github.com/colinshaw
www.colinshaw.cat

OVERVIEW

Makes thoughtful, calculated and strategic decisions about technology, particularly AI.
Architects composable, reusable, agile AI products that solve problems efficiently, elegantly and ethically.
Leads technical vision for AI; advises and mentors on technical capabilities of products and teams.

TECHNICAL PROFICIENCIES

Conceptual:	AI, LLMs, RAG, MCP, Traditional DS/ML, Architecture, Algorithms, Tech Strategy
Methods:	Deep Learning, Model Adaptation, Embeddings, LoRA, Reinforcement Learning, Recommender Systems, Machine Vision, Synthetic Data, MAB/GP, Q-learning, Statistical/Simulation Learning
Languages:	Python, OCaml, C/C++, Ruby, SQL
Libraries:	PyTorch, TensorFlow, OpenCV, scikit-learn, FastAPI, Numpy, bitsandbytes, HF, Unsloth

SELECTED EXPERIENCE & IMPACT

Senior Data Scientist 2025 - Present
ProCode (Los Angeles, CA)
- Led AI product strategy and data science team
- Designed and implemented data-driven reasoning architecture and lifecycle tools

Founder 2021 - Present
Foresight Engineering (Bentonville, AR)
- Design and implementation of AI enabled optics
- Contract work in AI strategy, architecture and zero-to-one acceleration

Senior AI Engineer 2023 – 2025
Ox (Bentonville, AR)
- Drove development of Q-learning approach to warehouse pick optimization
- Created comprehensive GeoJSON warehouse mapping product

Data Science Manager 2022 – 2023
OpenComp (San Francisco, CA)
- Owned strategy and execution for all DS, including taxonomy and modeling
- Managed domestic and offshore data science and engineering team

Senior Data Scientist, Machine Learning 2022
Cameo (Chicago, IL)
- Built and launched the first ML talent recommendation service
- Generated $2m annualized revenue increase from recommendations

Director of Machine Learning 2017 – 2022
RevUnit (Bentonville, AR)
- Established the ML team and developed GTM strategy for the ML practice
- Scoped and architected all products developed by the ML team
- Responsible for $8m revenue expansion directly attributable to ML practice

SELECTED ACHIEVEMENTS

Serial entrepreneur — 2x founded and graduated companies from startup accelerators
Organizer of popular local Data Science and Computer Science Meetup groups

ACADEMIC BACKGROUND

Oxford University — AI-Driven Business Transformation Executive Programme
Yale University — MS, Clinical Analytics, Leadership and Management
University of Arkansas, Fayetteville — BS, Math and Physics; MS dropout, Computational Math