

WAYDE GILLIAM

FULL STACK AI DEVELOPER/ENGINEER

P +1 760 718 2491

E wgilliam@ohmeow.com

X @waydegilliam

W ohmeow.com

G ohmeow

OBJECTIVE

To leverage my extensive experience in full-stack web development, machine learning, and AI to work with good people and lead teams in building meaningful AI

RELEVANT SKILLS

Languages:

Python, C#, SQL, TypeScript/JavaScript, HTML, CSS

Frontend Frameworks:

React, Vue, Quasar

Backend Frameworks:

FastAPI, ASP.NET Core, Node.js

Databases:

MS SQL Server, PostgreSQL

Other Tools/Platforms:

Docker, AWS, Modal, Replicate

Monitoring/Tracking Tools:

W&B, LangSmith, BrainTrust

Machine Learning Libraries/Frameworks:

PyTorch, fast.ai, scikit-learn, Hugging Face (Transformers/Datasets), Pandas, NumPy, XGBoost, Axolotl, Optuna

Generative AI:

OpenAI, Gemini/VertexAI, LangChain, LangGraph, Instructor

PROFESSIONAL EXPERIENCE

OHMEOW January 2011 – Present

Owner / Developer

- Contract Work:
 - Architect and lead developer for several full-stack web and ML projects (e.g., live.agrilynk.com)
 - Applied ML work including FastAPI dev, AI pipeline and model evals, etc. (musubilabs.ai)
 - Applied ML work including contributions to fastHTML, llama-vscode, modernBERT evals/tutorials, etc. (answer.ai)
- Developed the open-source fast.ai + Hugging Face integration library, Blurr
- Active open-source contributor and fast.ai community leader
- Led a study group for W&B, focusing on fast.ai and Hugging Face Transformers
- Led fast.ai study groups for students new to deep learning

UC SAN DIEGO (multiple departments) January 2002 – Present

Architect / Lead Developer

- Developed time series and forecasting models to predict temporary employment needs and position lead times for HR
- Fine-tuned models and created ML NLP pipelines for thematic analysis and classification tasks across multiple domains
- Provided end user instruction on using tools like ChatGPT for data analysis, prompt construction, data privacy, and evaluations. See "A Boost from AI" featurette on my work at UC San Diego.
- Designed, implemented, and maintained the Tritonlytics survey delivery system and backend reporting/analytics systems used for both campus-wide and external surveys.
- Developed and maintained a data warehouse and reporting system for business analysts.
- Led the development of a portal/helpdesk ASP.NET web application deployed across multiple divisions at UC San Diego.

PERICLES SYSTEMS January 2002 – September 2002

Owner / Lead Consultant

- Managed and led several development projects on the Microsoft platform.
- Provided full-stack architecture and development services for clients including Cotelligent, Epson, and Car Crazy Central.

BUYPRODUCE.COM October 2000 – October 2001

Application Development Manager / Engineer

- Managed a team of engineers and consultants.
- Designed and implemented a customizable e-commerce framework based on XML/XSLT.
- Participated in weekly management meetings for system design and problem resolution.
- Oversaw project management for use case and requirements specification implementations.

ALTAVISTA / SHOPPING.COM April 1999 – October 2000

Engineering Lead / Architect

- Managed an engineering team focused on building backend application to manage our e-commerce application.
- Led the migration and rebuilding of multiple e-commerce tools.
- Designed a web-based tool for analyzing and processing merchant products, leveraging advanced client-side technologies.

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EDUCATION

Recent Conferences/Courses:

- AI Evals For Engineers & PMs, 2025
- Voice Agents: tech sessions and community events, 2025
- Mastering LLMs: A Conference for Developers and Data Scientists, 2024
- Full Stack LLM Bootcamp, 2023
- FSDL, 2022 (*our project was selected to be featured in the end of course project showcase)
- fast.ai Courses, 2018-2023

Professional Education/Certifications:

- MCT Certification, 1999
- MCSD Certification, 1998
- MA in Theology, Westminster Seminary, 1997
- BA in History, University of California, San Diego (UCSD), 1994