

Kaiser Pister

A founding engineer and scientist with mastery in building projects and teams from the ground up.
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CTO & Head of AI
November 2023–Present



EncounterAI

Head of Engineering
2022–November 2023

- Reach out for details

- Matched human performance on fast food order handling
- Lead team of 5 engineers
- Patent for Conversational AI in Point of Sale management
- Developed agent logic for managing LLM interactions and handling conversational turns in conjunction with real world action
- Developed first ever unit testing for prompt tool: sllim

tags: leadership, real-world agent, prompting, in-context learning



UW Madison

Teaching Faculty
2022–Present

- Designed and taught the first ever Applied LLM course
- 99% approval rating from students (n > 250)
- Organized and co-lead research group on combining Programming Language Theory with generative AI to perform semantic verification
- Taught Theory and Design of Programming Languages
- Received grant for fostering diversity and belonging in computer science classrooms
- Built a RAG pipeline for allowing students to chat with my lectures for improved comprehension

tags: education, programming languages, large language models



Audiobub

Founding Engineer
2019–2022

- Created an automatic article synthesizer with 2 million daily impressions
- Negotiated recurring sales deals
- Built state-of-the-art Hebrew text-to-speech engine improving previous results by almost 30 points
- Product had 50% engagement at 50% listen time

tags: full stack, serverless, production-ready product



Publications

2018–Present

- PromptSet: A Programmers Prompting Dataset, LLM4Code '24
- Answering Student Course Questions with ICL, UW Showcase '23
- Fostering Belonging in the CS Classroom, LACE '23
- Conversational AI in Point of Sale management, Patent '23
- Extracting Protein–Compound Interactions, UCSD '19

tags: research lead, llms, in context learning, lstm, DEI



Education

MS: 2018–2019, BS: 2014–2018

Masters in Natural Language Processing, GPA 3.9
Thesis work on training siamese LSTM networks for Protein Named Entity Extraction and Recognition

Bachelors in Computer Science, Cum Laude, with Honors
Thesis work on performance benchmarking web applications during garbage collection events