Lance Nguyen
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Professional Summary
Former professional tennis coach transitioned to a software developer with over 1 year of AI engineering experience, eager to build, maintain, and optimize AI applications.

Skills
Languages and Frameworks: Python, JavaScript, HTML, CSS, Django, Flask, LangChain, LlamaIndex
Databases and Tools: SQL, NoSQL, Docker, AWS, Git, LLMs, RAG, Prompt Engineering

AI Projects
LLM Optimization with RAG | [Website](#)
- Analyzed LangChain and LlamaIndex frameworks to experiment with RAG techniques, exploring advanced indexing, vector store embeddings, and retrieval mechanisms
- Developed a Streamlit app for users to upload PDFs and interact with a RAG system

SpotOn (Review Analysis) | [Website](#)
- Architected an efficient communication pipeline between OpenAI API and Google Places API to generate answers to queries about reviews, enabling search functionality and automating the retrieval of location data

Qdoc (Article Assistant) | [Website](#)
- Implemented an article assistant that uses an LLM to summarize web articles and PDFs
- Designed a chatbot system that combines article content, user queries, and conversation history for an LLM to generate context-aware responses

CooPA (Search Chatbot) | [Website](#)
- Prompt engineered GPT-3.5 to generate contextually relevant responses by analyzing aggregated content from Google search results based on user queries
- Optimized the accuracy and reliability of content aggregation by using the BeautifulSoup library to web scrape visible text from HTML content retrieved through the Google Search API

AI Chrome Extensions | [Github](#)
- Developed 2 extensions that allow users to interact with an LLM by (1) seeing the definition, synonyms, and antonyms of text and (2) transforming text into different styles of language

Experience
AI Training, *Mentorship*   *January 2023 – Present*
- Private course of AI studies with a senior AI researcher from Nvidia

Medical Biller/Assistant Bookkeeper, *Pacific Hearing Service*   *April 2022 – March 2023*
- Managed end-to-end billing processes, submitting 400+ claims on CounselEar which resulted in increased client retention; concurrently, resolved 100+ open invoices for prompt payment

Professional Tennis Coach, *Lu Tennis Academy*   *April 2014 – April 2022*
- Empowered 600+ students by executing training programs for beginner to national levels, which resulted in improved tournament ratings as high as: Blue Chip, 13 UTR, and 5.5 NTRP

Education
Bachelor of Science in Kinesiology, *San Jose State University*   *August 2019*

Online AI Courses: Andrej Karpathy - Neural Networks, DeepLearning.AI - Prompt Engineering, LangChain Chat with Your Data, Building and Evaluating Advanced RAG Applications