Lance Nguyen

lancemnguyen@gmail.com | Portfolio | LinkedIn | Github

Summary
Highly driven and collaborative AI engineer with a solid understanding of AI application architectures, seeking a challenging position to leverage expertise in generative AI technologies to deliver valuable innovation for the business.

Skills
Languages: Python, JavaScript, HTML, CSS
Frameworks: PyTorch, LangChain, LlamaIndex, Django, Flask
Tools/Other: Retrieval-Augmented Generation (RAG), Prompt Engineering, LLMs, Debugging, Git

AI Projects
LLM Optimization with RAG | Website
- Built a web application that allows users to upload documents and interact with their data
- Evaluated and improved the RAG architecture through an iterative process, achieving a 86% increase in the accuracy of responses for a 600-page document

SpotOn (Review Analysis) | Website
- Architected a streamlined communication system between OpenAI API and Google Places API to facilitate query responses about reviews, leading to a 92% boost in operational efficiency for location data retrieval

Qdoc (Article Assistant) | Website
- Designed an article assistant featuring a chatbot with memory capabilities to summarize web pages and provide tailored responses to inquiries, resulting in a 87% reduction in screen time

CooPA (Search Chatbot) | Website
- Prompt engineered GPT-3.5 to produce contextually relevant responses based on aggregated content from Google search results, keeping the LLM up-to-date on current information
- Leveraged the BeautifulSoup library for web scraping which caused a 63% improvement in the effectiveness of responses compared to other content aggregation methods

AI Chrome Extensions | Github
- Developed two extensions that highlight text on a site for language analysis and transformation

Experience
AI Training, *Mentorship*   *January 2023 – Present*
- Engaged in a private course of AI studies with a senior AI researcher from Nvidia, focusing on advanced AI techniques and frameworks

Medical Biller/Assistant Bookkeeper, *Pacific Hearing Service*   *April 2022 – March 2023*
- Managed end-to-end billing processes, submitting 400+ claims and resolved 100+ open invoices on CounselEar, accomplishing a 71% increase in client retention and $54k in revenue generation

Professional Tennis Coach, *Lu Tennis Academy*   *April 2014 – April 2022*
- Collaborated with the coaching staff to empower 600+ students by executing training programs for all levels, leading to improved tournament ratings up to: 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