Lance Nguyen

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Summary
Highly driven and collaborative software 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 system through an iterative process, achieving a 84% 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 93% boost in operational efficiency for location data retrieval

Qdoc - Article Assistant | [Website](#)
- Developed an article assistant featuring a chatbot with memory capabilities to summarize web pages and provide tailored responses to inquiries, resulting in a 89% 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
- Implemented the BeautifulSoup library for web scraping which led to a 62% improvement in the effectiveness of responses compared to other parsing methods

AI Chrome Extensions | [Github](#)
- Created two extensions that highlight text on a site for language analysis and transformation

Experience
AI Engineer, *Mentorship*   *January 2023 – Present*
- Engaged in a private study with a senior AI researcher from Nvidia, deploying full-stack web applications that focus on advanced AI techniques and frameworks

Medical Biller/Assistant Bookkeeper, *Pacific Hearing Service*   *April 2022 – March 2023*
- Managed end-to-end billing processes by clearing 400+ claims and 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