Diana Liu

Proficient in mathematical statistics, econometrics, machine learning and deep learning. Offering 15 years of extensive project management expertise with a deep involvement in experimental design, data integration and cleansing, feature engineering, as well as mastery in machine learning, optimization, and deep learning implementations.

With extensive experience in leveraging advanced AI technologies, I have successfully utilized prompt engineering, Retrieval-Augmented Generation (RAG), and agents to develop robust applications that address complex business challenges, automate processes, and drive business growth.

* **E-commerce and Customer Support:**
  + Enhancing product descriptions and recommendations through various recommender system.
  + Automating responses to customer inquiries and FAQ by retrieving relevant information from knowledge bases and historical conversations.
  + Providing personalized recommendations based on user preferences and behavior in an agentic workflow.
* **Content Creation and Enhancement:**
  + Assisting in research and generating high-quality marketing content with graph-based Retrieval Augmented Generation.
* **Financial Services:**
  + Providing financial advisors with up-to-date market information and trends, and automating report generation by retrieving and summarizing relevant financial data.
  + Analyzing customer data to tailored marketing strategies and engaging with potential customers through personalized email campaigns and chatbots.