KHOI QUACH (MIKE)

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EDUCATION

Santa Clara University, Santa Clara, California
Master of Science in Business Analytics,   2023 - 2024
GPA: 3.77/4: Dean's List Spring 2024

Santa Clara University, Santa Clara, California
Bachelor of Science in Commerce, Accounting   2019 - 2023

WORK EXPERIENCE

Intern- People's Innovation
Teladoc Health, San Jose, California   Jan 2024 - Present
- Design a predicted model with Python to test employee's attention at 60% accuracy.
- Developed a system to hire the top best 100 new hire among a list of candidates.
- Clean and format limited data into one better suited for machine learning
- Gained proficiency in navigating complex corporate hierarchies to enhance communication and project efficiency.

Audit Intern
Moss Adams, San Jose, California   Jun 2022 - Aug 2022
- Got positive feedback from management after delivering presentation on my summer's work on presentation on work and my recommendation on company improvements.
- Prepare form 10-K.
- Audit 401k employee benefit plan and non-profit.

PROJECT

Development of a RAG Model for Travel Planning   April 2024
- Developed a local Retrieve-and-Generate (RAG) model using Llama 3 to create a personalized travel plan.
- Link: https://github.com/kmquach/TravelMinds

Jibu   Jan 2024 – Mar 2024
- Excelled in managing and organizing large volumes of unlabeled and messy data, transforming chaos into structured datasets ready for analysis.
- Led a comprehensive marketing project utilizing R to conduct customer segmentation and competitor analysis for Jibu, identifying key market segments and competitive positioning.
- Presented findings and strategic recommendations to Jibu leadership, providing a data-driven framework for optimizing marketing efforts and increasing market share.
- Prepared detailed documentation and visualization of analytical results, facilitating informed decision-making and strategic planning for future marketing initiatives.

SKILLS

- AI Technologies: Versed in text embedding and Retrieval-Augmented Generation (RAG) for advanced Natural Language Processing (NLP) applications
- Python & Machine Learning: Proficient with libraries like TensorFlow, scikit-learn; experienced in data analysis using pandas and NumPy.
- SQL & Microsoft Excel: Skilled in complex SQL queries, advanced Excel features like pivot tables, and data visualization.
- APIs & Web Development: Experienced in API integration, using Streamlit for web apps, and automation.
- Optimization Techniques: Knowledgeable in integer linear programming, using tools like Gurobi for problem-solving.