Rajdeep Dhillon

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript, R, SQL, C++, Rust

Technologies: Git, AWS, MongoDB, Docker, Express.js, Node.js, React, fastai, Expo, Flask, React Native, GPT, Whisper, Arduino, Qt, Visual Studio Code, Lucidchart, HTML, CSS, Jira, Confluence

Environments: Windows, Linux, macOS

GENERAL SKILLS

Soft Skills: Excellent teamwork, strong communication, driven, independent, rapid learner, self-challenging, growth-oriented, detailed, questioning, proactive, googling, prompting

EDUCATION

Bachelor of Science in Computer Science   Expected June 2024

Seattle Pacific University, Seattle, WA

- **Relevant Coursework:** Operating Systems Programming, Data Structures II, Algorithm Design and Analysis, Computer Architecture, Netcentric Computing, Systems Design, Applications Programming, Database Management

CERTIFICATIONS

AWS Certified Developer Associate   May 2024

PROJECTS

Intention (Personal CRM Mobile App)

- Spearheaded the design, development, deployment, and helped manage a team of 5, to develop a personal CRM application that helps generate conversation-starting questions using your previous notes about your contacts.
- Worked on all layers, including the front-end which is implemented in TypeScript using React Native and Expo, the back-end engineered using Flask, a MySQL database hosted on Railway, and the LLMs, which include GPT 3.5 and Llama 3.
- Leveraged LLMs to generate conversation questions by analyzing the user's conversation style and relationship with their contact.
- Optimized user-facing notes summary, reducing loading time from 3 seconds to sub 1 second by caching previous results.

Quotes Application

- Engineered a robust C++, SQLite, and Qt-based application, employing an MVC architectural pattern; facilitated seamless quote storage and editing functionalities, optimizing user experience and efficiency.
- Designed UI using 3 different user personas and a mood board. Implemented business logic connecting the presentation layer designed in Qt and the database layer engineered using SQLite.

MOBA Image Classifier

- Trained an image classifier capable of distinguishing between Dota and League of Legends with ~80% accuracy using fastai.
- Deployed using Gradio on Hugging Face.

WORK EXPERIENCE

Real Estate Broker

Skyline Properties, Inc, Bothell, WA   February 2019 - Present

- Coordinated with Loan Officers to achieve the sale of a home contingent upon the buyer's pending sale of their current house in another state.
- Conducted market research to evaluate the fair price for a home and guided the seller toward the appraised price of $434,950.
- Presented critical findings regarding an undisclosed stream buffer to the listing agent and retrieved an extension for the feasibility contingency, acquiring an advantage for my buyers.