Yash Hooda

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EDUCATION

University of Texas at Dallas   *Richardson, TX*
Bachelor of Science, Computer Science   *May 2024*

WORK EXPERIENCE

Outlier.AI   *San Francisco, CA*
AI Trainer   *May 2024 – Present*
- Worked on Bulba extensions, Goldfish Crackers, Bee Gen Rewrite, Seal SP Attempters, Flamingo, Monkey, and Dolphin Genesis projects.
- Contributed to Python code projects involving the NumPy library where I had to evaluate the code output and check to see if the AI model followed through on the client's requests to evaluate code.
- Evaluated chatbot responses checking for inaccurate information and false data.
- Compared chatbot responses to determine which chatbot response would better fit the client's needs and provided feedback on the AI models to improve accuracy by over 90%.

Parijat Controlware   *Houston, TX*
Software Engineer Intern   *May 2023 – June 2023*
- Collaborated within a team of 3 to develop and optimize products using Programmable Logic Controllers (PLCs), ensuring high quality and efficient solutions.
- Gained hands-on experience with Object Detections techniques in Python, utilized RoboFlow to implement advanced image processing and machine learning algorithms.

ACADEMIC PROJECTS

Virtual TA Chatbot AI, UT Dallas   *February 2024 – May 2024*
Tools Used: Python, Rasa, NLP, Visual Studio Code, LLM
- Collaborated within a 6-member team to design and develop a Virtual TA chatbot for the UT Dallas student portal.
- Engineered and trained conversational intents using Rasa to handle queries related to campus events, student services, university history, and academic support.
- Applied NLP techniques and LLM integration to enhance user experience and ensure accurate, context-aware responses.
- Improved student engagement by delivering a functional AI chatbot capable of assisting users with university-related information in real-time.

TogetherAI-Agent, Personal   *January 2025*
Tools Used: Python, Together.ai API, LLaMA 3, NLP, LLMs
- Developed an AI assistant using Together.ai API and LLaMA-3.3-70B-Instruct-Turbo model.
- Integrated advanced natural language processing capabilities for dynamic and intelligent user interaction.
- Demonstrated skills in API integration, model deployment, and real-world AI applications.

Library Search GUI, UT Dallas   October 2023 – November 2023
Tools Used: Python, Tkinter, GUI, Visual Studio Code, SQL
- Extensively tested the interface by interacting with 5 randomly selected books.
- Implemented features such as check-out and check-in functionalities.
- Incorporated randomized browser data into the interface.
- Collaborated with a team of 5 to coordinate weekly deadlines and objectives.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, R
AI Tools: OpenAI ChatGPT, Google Gemini, Meta Llama, Ollama, DeepSeek R-1, Grok-3, Microsoft CoPilot, Claude, Git CoPilot
Developer Tools: Git, RStudio, Dev C++, Google Collab, VS Code, Visual Studio, Jupyter Notebooks, Microsoft Excel, Microsoft PowerBI, Tableau, Node.js, Microsoft Word, Microsoft PowerPoint, Office 365
Libraries: Pandas, TensorFlow, Keras, NumPy, Matplotlib, Seaborn, SciPy, Scikit-Learn, Tkinter, Rasa, MySQL Statistical Analysis: Hypothesis Testing, Regression, Time Series Analysis
Clouds: Microsoft Azure, IBM Cloud, Google Cloud
Interpersonal Skills: Teamwork, Problem-Solving, Communication, Conflict Resolution, Active Listening, Emotional Intelligence

CERTIFICATIONS

IBM Professional AI Engineering Certificate, Coursera   *August 2024*
TensorFlow Developer Certification, DeepLearning.AI   *January 2024*
IBM Professional Data Science Certification, Coursera   *November 2024*
Vanderbilt University AI Prompt Engineering Certification, Coursera   *February 2025*