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 Writing Evaluator — *May 2024 – Present*

- 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.

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, Node.js, Visual Studio Code, LLM

- Collaborated with a team of 6 members to resolve any issues and deadlines.
- Training and implementing the training data to generate helpful conversational intents for the chatbot such as events, galaxy, student success center, utd history, dean of students, and chatbot greetings.

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.

Stroke Prediction, Personal — *October 2023*
Tools Used: R, RStudio, Predictive Modeling, Exploratory Data Analysis, Data Visualization

- Parsed a dataset of over 5,000 health patients from a hospital.
- Developed a predictive model in R using the Random Forest Algorithm to predict the risk of a stroke based on a variety of health factors.
- Visualized the dataset to reach a targeted goal of reducing the risk of stroke in the patient population.
- Delivered an effective conclusion to the stroke risk study based on the data results.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, R
Frameworks: Node.js, Tableau
Developer Tools: Git, RStudio, Dev C++, Google Collab, VS Code, Visual Studio, Jupyter Notebooks, Microsoft Excel
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

CERTIFICATIONS

IBM Professional AI Engineering Certificate, Coursera — *August 2024*
TensorFlow Developer Certification, DeepLearning.AI — *January 2024*
IBM Professional Date Science Certification, Coursera — *July 2023*