

Yash Hooda

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[Personal Website](#) | Work Authorization Status: Natural-Born US Citizen

EDUCATION

University of Texas at Dallas

Master of Science, Business Analytics and Artificial Intelligence + Certificate in Applied Machine Learning

Richardson, TX

Dec 2026

University of Texas at Dallas

Bachelor of Science, Computer Science

Richardson, TX

May 2024

WORK EXPERIENCE

Outlier.AI

AI Trainer

San Francisco, CA

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

Software Engineer Intern

Houston, TX

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

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