

# Yash Hooda

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## EDUCATION

### University of Texas at Dallas

Bachelor of Science, Computer Science

Richardson, TX

August 2020 - May 2024

## WORK EXPERIENCE

### Outlier.AI

AI Writing Evaluator

San Francisco, CA

May 2024 – August 2024

- 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

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

Tools Used: Python, Rasa, Node.js, Visual Studio Code, LLM

February 2024 – May 2024

- 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

Tools Used: Python, Tkinter, GUI, Visual Studio Code, SQL

October 2023 – November 2023

- 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

Tools Used: R, RStudio, Predictive Modeling, Exploratory Data Analysis, Data Visualization

October 2023

- 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 Data Science Certification, Coursera

July 2023

UT Austin Postgraduate Certificate in Data Science & Business Analytics, Great Learning

December 2024