

YUGANT JHA

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EDUCATION

The University of Texas at Dallas, Richardson, United States.

August 2028

Bachelor of Science in Computer Science - Sophomore Year

- Student of the Hobson Wildenthal Honors College, Dean's List, AES Scholarship recipient, ECS Merit Scholarship recipient.
- Relevant Coursework: Data Structures and Algorithmic Analysis, Probability and Statistics in CS, UNIX.

TECHNICAL SKILLS

- **Programming Language:** C++, Python (NumPy, Pandas, Matplotlib, Scikit – Learn), HTML, Java, SQL (MySQL, PostgreSQL), NoSQL (MongoDB), CSS, JavaScript, TypeScript, React, Next.js, Node.js
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming, Backend Development
- **Tools & Technologies:** Microsoft VS Code, Microsoft Office, Code Block, Git, GitHub, Google Workspace, FastAPI, Supabase, Azure, Git, Docker, Postman, Figma, PyCharm, IntelliJ, REST APIs

PROJECTS

MedDecode AI

February 2026

- Built a full-stack web app that converts radiology and lab reports into clear, patient-friendly summaries.
- Developed a FastAPI backend and React frontend with secure authentication, file processing, and automated summary PDF generation.
- Designed modular APIs and scalable workflows for reliable medical document upload and summarization.

Stock Price Forecast Project

July 2025

- Built a full-stack stock forecasting web application analyzing 1,000+ historical data points per stock using real-time financial APIs and an XGBoost regression model.
- Built the backend with FastAPI to integrate financial data from Yahoo Finance and Finnhub APIs, while storing forecast results in a Supabase database.
- Designed frontend with HTML, CSS, and JavaScript, including suggestions and recently viewed stocks.

TravelBudgetFX

December 2025

- Built a web-based application that estimates and forecasts total travel expenses by modeling future currency exchange rate fluctuations based on user-provided destinations, dates, and expected costs.
- Implemented automated cost calculations to convert projected expenses into the user's home currency as exchange rates change.

WORK EXPERIENCE

Artificial Intelligence Society, UT Dallas, Richardson, United States

September 2025 – December 2025

Software Developer

- Built and maintained an AI-driven travel budgeting platform, implementing forecasting features, backend APIs, and data processing workflows to deliver real-time financial insights.

University Housing Office, UT Dallas, Richardson, United States.

December 2024 – Present

Front Desk Student Assistant

- Provided front desk administrative support by assisting students with housing inquiries, maintaining records, and coordinating with staff to resolve issues efficiently in a fast-paced environment.

CERTIFICATIONS

- **Machine Learning with Python**, IBM. - Coursera
- **Python Programming Fundamentals**, Microsoft. - Coursera

July 2025

June 2025