

Sannidhya Tiwari

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EDUCATION

University of Texas at Dallas

Dallas, TX

Bachelor of Science in Computer Science

Expected May 2026

Relevant Coursework: Software Engineering; Data Structures; Algorithms; Artificial Intelligence; System Design

WORK EXPERIENCE

InGeniuz AI

Dallas, TX

Software Development Intern

January 2025 – Present

- Optimized and refactored code in React native and JavaScript, assisting with reduced app latency and load times by more than 50%. Designed a newer UI using Figma versions to make the app more intuitive and cleaner.
- Integrated 3 Plaid API calls into the app, reducing API issues and providing real-time data.
- Led testing with 30+ users, driving UI & layout improvements based on collected feedback.

Fintech UTD

Dallas, TX

Quantitative Finance Developer/Product Manager

August 2024 – December 2024

- Programmed backend for a fintech platform performing a dual-class arbitrage using Python and SQL the backscaled model during testing showed an accuracy of 92%.
- Implemented agile methodology using Jira for the timely and fast functioning of my team, increasing speed by 28%.

Scalene Works

Dallas, TX

Data Analytics Intern

February 2024 – April 2024

- Collected and analyzed employee performance and satisfaction data using Python and Power BI to increase the retention rate by 7% in a single quarter.
- Improved workforce planning through analysis of leave policies and data-driven adjustments with HR.

PERSONAL PROJECTS

Retail Inventory Management System

September 2024 - October 2024

- Developed a complete retail management system using binary trees in Java to implement solutions like viewing and updating inventory as well as employee data.
- Incorporated multiple IDs for employees and managers to ensure the security of data and finances.

Covibility- Live Prediction Website

November 2021- January 2022

- Built a website which could predict the probability of an individual getting COVID-19 based on their location, age and previous health records using Java and Python for the backend, reaching 550+ users.
- Used multiple APIs and learnt UI design through Figma and React JS and published it as a live website.

ACTIVITIES

Google Developers Student Club (GDSC)

Dallas, TX

President

August 2024 – Present

- Led organizational restructuring and technical workshops, boosting membership by 112% from 368 to 781.
- Secured funding and managed finances, increasing event participation by students and professionals.

Hack AI Hackathon

Dallas, TX

Runners Up Winner

April 2025

- Led a 4-member team to secure 2nd place in LTIMindtree's track at HackAI 2025 by developing TarkAI, a generative AI assistant that answers Document-based queries using Lang Chain, FAISS, and OCR-based text extraction.
- Created two domain-specific versions of the QA system for Taxation and Education, expanding use cases.

ADDITIONAL

Technical Skills: Advanced in Python, Java, C++, MS Office, Firebase, NumPy, Pandas, Scikit Learn, Plaid API, Power BI, Tableau; Proficient in Linux OS, SQL, R, Algorithmic Trading, Risk management, TWS

Languages: Fluent in English, Hindi, Urdu; Conversational Proficiency in French, Russian

Certifications & Training: Quantitative Finance & Algorithmic Trading, IBM Data Science

Memberships: GDSC, ACM UT Dallas, UI/UX Club, Nebula Labs, FinTech UTD

Eligibility: Eligible to work in the United States without any restrictions or sponsorships