Aditya Dubey

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Education

Bachelor of Technology in Computer Science   August 2022 - September 2026
Bennett University; GPA: 8.60/10.00   *Greater Noida, Uttar Pradesh*
Courses: Data Structures using C++, Python Programming, Database Management System, Software Engineering, Design Analysis and Algorithms, Data Mining and Predictive Modeling, Time Series Analysis, AI/ML

Class XII (CBSE)   April 2020 - April 2021
Somerville International School; Percentage: 72%   *Noida, Uttar Pradesh*

Class X (CBSE)   April 2018 - April 2019
Somerville International School; Percentage: 96%   *Noida, Uttar Pradesh*

Experience

RASYNC Global Solution Private Limited   *December 2024 - Present*
UI/UX Designer Intern

- Designed intuitive user interfaces, wireframes and prototypes for web and mobile applications.
- Collaborated with cross-functional teams to refine user flows and optimise user experiences.

Skills

- **Languages:** Python, C++, HTML, CSS, JavaScript, SQL, React, Tailwind CSS
- **Frameworks:** TensorFlow, Pandas, Keras, Seaborn, Scikit-learn, Matplotlib, PyTorch, Pyplot
- **Tools:** Visual Studio, Figma & Canva, Git, MySQL Workbench
- **Concepts:** Operating System(Linux and Windows), Web-Development, Data Analysis using Python
- **Soft Skills:** Leadership, Event Management, Task Prioritization, Problem-Solving

Projects

Lexi | *SIH - Python, React, Tailwind CSS, Streamlit, PyTorch, salesforce/BLIP*   *August 2024 - November 2024*
- Developed Conversational Image Recognition Chatbot with image recognition, NLP, and OCR.
- Enhanced responses with 20% more context through object and text detection.
- Contributed to website's Frontend and supported Backend and Model development.

Sarcasm Detection using Bidirectional LSTM | *AI/ML - Python, Jupyter Notebook*   *October 2024 - November 2024*
- Developed Sarcasm Detection model using Bidirectional LSTM.
- Utilized News Headlines dataset from The Onion and Huffington Post.

Wind Speed Forecasting | *TSA - Python, Deep Learning*   *October 2024 - November 2024*
- An advanced time series analysis and predictive modelling system.
- Based on hybrid DL techniques for wind speed forecasting by Decomposition methods and Neural Network architectures.

On1yOne | *DTI - HTML, Tailwind CSS, Javascript, Python, SQL, Django*   *January 2024 - April 2024*
- Developed a fashion-focused E-commerce platform with generative AI designs.
- Contributed to Frontend and Backend, targeting 10,000+ Gen-Z users.

Video Chaptering using Python | *Python, Jupyter Notebook*   *October 2023*
- Automated YouTube transcript extraction with Python libraries and CSV storage.
- Analyzed and visualised transcript data with Pandas for engagement insights.

Certifications

- Algorithmic Toolbox
- Google Data Analytics
- Object-Oriented Data Structures with C++
- Introduction to Artificial Intelligence (AI)
- Exploratory Data Analysis for Machine Learning

Achievements

- **Secured 11th Place out of 423 Teams (Team Can-Do-Crew):** Solved a real-time issue during the Smart India Hackathon 2024, conducted by the Government of India.