Maher Siddiqui

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Professional Summary

Computer Science Engineering student specializing in **AI, Machine Learning, and App Development**, with a strong foundation in **Data Structures and Algorithms**. Experienced in building and deploying AI-driven systems, including medical image classification and dark pattern recognition, with hands-on experience through hackathons, competitive coding, and real-world projects.

Education

Bennett University **Aug 2023 – Present**

Bachelor of Technology in Computer Science Engineering CGPA: 9.09 *Gautam Buddha Nagar, Uttar Pradesh*

Achievements

Dean's List Award: Awarded for academic excellence, consistently securing SGPA above 9.5 and ranking in the top 1% of batchmates.

Hackaccino: 1st Prize, Hackaccino 2024 (Open Innovation Track), built a solution to detect and mitigate dark UI patterns, outperforming 85+ teams.

Smart BU Hackathon: Qualified for SIH securing 18th position out of 250 teams in a 48-hour internal hackathon at Bennett University.

Projects

ConvoMatch (GitHub Link)| *App Development, System Design, Gamification* **Dec 2025**

- Built a conversation-first social matching platform to reduce appearance-based bias and encourage meaningful interaction.
- Gamified profile unlocking and confidence scoring mechanisms to reward sustained engagement and discourage abrupt disengagement.
- Delayed photo reveal logic to prioritize communication over visual judgment, differentiating the platform from swipe-based apps.

Dark Pattern Detector (GitHub Link) | *Machine Learning, Transformers, BERT* **May 2025**

- Designed a Chrome extension to detect and highlight deceptive UX patterns in websites. Integrated Natural Language Processing (NLP) techniques to analyze on-page text and flag manipulative or misleading language.
- Integrated page scanning to spot hidden tricks like pre-checked boxes, disguised ads, and misleading buttons.
- Browser interface with real-time alerts and explanations, offering a scalable solution for consumer protection, ethical design audits, and digital policy enforcement.

Melanoma Classifier (GitHub Link) | *Python, Deep Learning, Image Processing* **Nov 2024**

- Implemented a CNN model to classify skin lesions and detect melanoma from dermoscopic images. Preprocessed image datasets with augmentation techniques (rotation, scaling, flipping) to improve generalization and reduce overfitting.
- Achieved high accuracy and sensitivity by fine-tuning deep learning architectures and optimizing hyperparameters.
- A scalable pipeline enabling potential deployment in clinical decision support systems for early melanoma detection.

Technical Skills

Languages: C++, Python, JavaScript

Developer Tools: VS Code, Git, GitHub

Databases: SQL, MongoDB

Data Science & ML Tools: NumPy, Pandas, Matplotlib, TensorFlow, CNNs

Certifications

Data Structures: Completed an online course from UC San Diego.

ServiceNow: Enrolled under Certified System Administrator (CSA) and Certified Application Developer (CAD) program.

Extra-Curricular

Leader of The Theatre Society, Bennett University: Directed and managed a team of 25+ members, securing 5+ inter-college trophies in stage plays, street plays, and mono-acts.

Core Organizing Team, Uphoria(Annual Cultural Fest): Organized and coordinated cultural events attended by 500+ students from Delhi-NCR.