

ANANYA TIWARI

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SUMMARY

Results-driven Computer Science student with a solid academic background and a proactive approach to research and innovation. Demonstrated expertise in machine learning, deep learning, and artificial intelligence through impactful projects. Published researcher with a paper on face recognition advancements.

WORK EXPERIENCE

Research Clan (E-Cell) | Member Dec. 2021 – Sept. 2022
Collaborated with fellow researchers in the university's research clan, actively contributing to the development and writing of research papers related to Computer Science.

Research Intern May 2023-August 2023
Conducted extensive research on stock price prediction models and implemented a novel algorithm using machine learning techniques. Presented findings in research reports and contributed to the institute's ongoing research in financial analytics.

SKILLS

Languages: C/C++, Python, Java, LaTeX, SQL
Specialization: Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing
Libraries: pandas, NumPy, Matplotlib, scikit-learn, TensorFlow, Keras

PROJECTS

Learning Styles Prediction Using Neurolinguistic Programming Feb. 2022
* A model to predict the learning style of university students using Machine Learning and Deep Learning incorporating Natural Language Processing
* This prediction was based on Student's responses to the VARK Questionnaire and the insights derived from their essays.

Stock Price Prediction May 2023 - June 2023
* Integrated machine learning models to combine Fundamental and Technical Analysis, providing a holistic approach to stock market predictions.

University Gym Management System Using C++ May 2022
* Developed a Gym Management System in C++ with OOP, utilizing a file system for organized storage and retrieval of member details and attendance records.

PUBLICATIONS

Face Recognition: Recent Advancements and Research Challenges,
13th International Conference on Computer Communication and Networking Technologies (ICCCNT) 2022
Published a paper in the field of Face Recognition at the 13th ICCCNT 2022.

ACHIEVEMENTS

- * Received a Gold Medal for co-authoring a pioneering research paper on learning styles prediction using advanced machine learning techniques.
- * Attained a Silver Medal in the Mathematics Olympiad at the school level, showcasing prowess in problem-solving and remarkable mathematical abilities.

EDUCATION

SRM University, AP 2021-2025
B.Tech in Computer Science CGPA: 7.7/10

KH Memorial School , Bhilai, C.G. June 2021
High School Graduation with Distinction CGPA: 8.5/10

Delhi Public School, Dhamtari, C.G. May 2019
Completed 10th Grade with Distinction CGPA: 9.5/10