

ABHISHEK SINGH

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EDUCATION

THAKUR COLLEGE OF SCIENCE AND COMMERCE, MUMBAI <i>Master of Science in Computer Science</i>	07/22 - Present
LORDS UNIVERSAL, MUMBAI <i>Bachelor of Science in Computer Science</i>	07/18 - 05/21 CGPA: 7.3/10
LORDS UNIVERSAL, MUMBAI <i>HIGHER SECONDARY CERTIFICATE</i>	06/18 Percentage: 62%
ST. FRANCIS HIGH SCHOOL, MUMBAI <i>Secondary School Certificate</i>	03/16 Percentage: 81%

PROJECTS

EVALUATION OF STUDENT CLASS PERFORMANCE USING DECISION MACHINE LEARNING	07/23
<ul style="list-style-type: none">Developed an analytical tool to assess and predict student performance in classes using machine learning.The system processes historical academic data to identify key performance indicators and trends.Tech Stack: Python, Scikit-Learn, Pandas, NumPy, Matplotlib	
SEAT BELT DETECTION USING YOLO DEEP LEARNING MODEL	07/22
<ul style="list-style-type: none">Developed an advanced system to detect seat belt usage in vehicles by implementing real-time detection algorithms, enhancing vehicle safety standards and monitoring compliance.Tech Stack: YOLO v5, DarkNet, Python, PyImage.	

RESEARCH

REAL-TIME SEATBELT DETECTION USING YOLO DEEP LEARNING MODEL	07/23
<ul style="list-style-type: none">Developed a cutting-edge real-time detection system using the YOLO deep learning model to accurately identify seatbelt usage in vehicles.The research emphasizes the application of advanced object detection techniques to enhance vehicular safety and compliance with traffic regulations.Published in the IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECs), Bhopal, India. 2023 IEEE SCEECs, pp. 1-6, doi: 10.1109/SCEECs57921.2023.10063114The research contributes significantly to traffic safety and law enforcement, offering novel insights into the deployment of deep learning models for public safety.	

SKILLS

- Programming Languages:** C, Python, HTML, CSS, JavaScript
- Databases:** SQL
- Frameworks & Libraries:** React JS, Bootstrap
- Soft Skills:** Problem Solving, Management, Leadership

EXTRACURRICULAR ACTIVITIES

ORGANIZING COMMITTEE MEMBER, GENESIS ANNUAL CULTURAL FESTIVAL, TCSC	2023
<ul style="list-style-type: none">Played a key role in planning, coordinating, and executing the annual cultural festival 'Genesis'.	
HEAD OF INTER-COLLEGE GAMING EVENT 'UTOPIA', LORDS UNIVERSAL	2019
<ul style="list-style-type: none">Managed a diverse team responsible for game selection, tournament organization, and real-time problem-solving during the event.	