

# Zohaib Khalid

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## Address

H/no.243, block G-3, Johar Town

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<b>Objective</b>	Pioneer student of Artificial Intelligence with keen interest in Computer Vision and Neural Networks with wide range of skills including but not limited to python, C++, and JS. Passionate about Machine Learning and Computer Vision. I bring innovation and creativity to the table and like to stand out with my ideas.				
<b>Education</b>	<b>Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)</b> Bachelor of Science in Artificial Intelligence	Topi, PK 2020 - 2024			
	<b>Punjab Group Of Colleges</b> Intermediate with Computer Science Result: 85%	Lahore, Pakistan 2018 - 2020			
	<b>Cadet College Petaro</b> Matriculation Result: 82%	Hyderabad, Pakistan 2015 - 2017			
<b>Work Experience</b>	<b>Leadership and Entrepreneurship Society (LES)</b> Associated with a team that connected bright entrepreneurial minds of the university together, helped them to move their ideas to a next level by organizing different entrepreneurship events which leaded them to express their ideas internationally.	Topi, PK 2020 - 2022			
	<b>Team Foxtrot</b> As a member of a drone-focused team, I have contributed to various aspects of the project including modeling, coding, and designing. Our team successfully participated in the UAS Challenge and won the award for the best business proposition in 2021.	Topi, PK 2021 - 2022			
<b>Academic Projects</b>	<b>Hazard Assessment To Make Communities Fire-Smart</b> The primary objective of the project was to develop an automated hazard assessment system using the YOLOv5 object detection algorithm. By harnessing this state-of-the-art technology, we sought to analyze satellite imagery and aerial photographs to identify potential fire hazards and assess the vulnerability of communities to wildfires accurately. <b>Key Components:</b> Dataset Creation, YOLOv5 Model Training, Hazard Assessment, Mitigation Strategies.	The primary objective of the project was to develop an automated hazard assessment system using the YOLOv5 object detection algorithm. By harnessing this state-of-the-art technology, we sought to analyze satellite imagery and aerial photographs to identify potential fire hazards and assess the vulnerability of communities to wildfires accurately. <b>Key Components:</b> Dataset Creation, YOLOv5 Model Training, Hazard Assessment, Mitigation Strategies.			
	<b>Littering Detection in High-Rise Buildings</b> The primary objective of the project was to create an automated system capable of identifying instances of littering in high-rise buildings and initiating appropriate actions to mitigate the issue. By harnessing advanced image processing algorithms and deep learning techniques, we sought to enhance building management practices and promote a cleaner and more sustainable living environment. <b>Key Components:</b> Dataset Creation, Computer Vision and Object Detection, Machine Learning and Classification, Real-Time Monitoring, Alert Generation and Response.	The primary objective of the project was to create an automated system capable of identifying instances of littering in high-rise buildings and initiating appropriate actions to mitigate the issue. By harnessing advanced image processing algorithms and deep learning techniques, we sought to enhance building management practices and promote a cleaner and more sustainable living environment. <b>Key Components:</b> Dataset Creation, Computer Vision and Object Detection, Machine Learning and Classification, Real-Time Monitoring, Alert Generation and Response.			
	<b>Automated Floor Plan Generation</b> The primary objective of the project was to develop a computer vision-based system that could analyze dimensions of the site and automatically generate accurate floor plans. By harnessing the power of image processing, pattern recognition, and machine learning techniques, we aimed to eliminate manual effort and reduce human error in the floor plan creation process. <b>Key Components:</b> Data Acquisition, Computer Vision Algorithms, Machine Learning and Pattern Recognition, User Interface.	The primary objective of the project was to develop a computer vision-based system that could analyze dimensions of the site and automatically generate accurate floor plans. By harnessing the power of image processing, pattern recognition, and machine learning techniques, we aimed to eliminate manual effort and reduce human error in the floor plan creation process. <b>Key Components:</b> Data Acquisition, Computer Vision Algorithms, Machine Learning and Pattern Recognition, User Interface.			
	<b>Food Delivery Android App</b> The primary objective of the project was to create a robust and intuitive food delivery app that connects customers with a wide range of local restaurants and facilitates the ordering and delivery process. Through the app, users could browse menus, customize their orders, and track deliveries in real-time. <b>Key Components:</b> User Interface and Design, Menu Integration, Order Placement, Payment Integration, Order Tracking.	The primary objective of the project was to create a robust and intuitive food delivery app that connects customers with a wide range of local restaurants and facilitates the ordering and delivery process. Through the app, users could browse menus, customize their orders, and track deliveries in real-time. <b>Key Components:</b> User Interface and Design, Menu Integration, Order Placement, Payment Integration, Order Tracking.			
<b>Awards &amp; Achievements</b>	<ul style="list-style-type: none"><li>- Head of Liaison in Giki Sports Society (GSS)</li><li>- Head of Publications in Leadership and Entrepreneurship Society (LES)</li><li>- Member Of Giki Squash Team</li></ul>				
<b>Skills</b>	<ul style="list-style-type: none"><li>- Machine Learning   Computer Vision   Neural Networks</li><li>- Web Development   Mobile App Development</li><li>- Python   C   C++   HTML   CSS   SQL   JS   PHP   Oracle   MySQL</li></ul>				