

Hassan Ali

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EDUCATION

O levels - The City School:	Lahore, Pakistan
Computer Sciences - 8 As/A*s	
A levels - LGS JT:	Lahore, Pakistan
Computer Sciences - 4A*s	
Lahore University of Management Sciences	Lahore, Pakistan
BS Computer Science - CGPA: 3.57	
2021 – Ongoing	

PROFESSIONAL EXPERIENCE

Lahore University of Management Sciences	Lahore, Pakistan
TAship of CS331-Intro to Artificial Intelligence	January-24 – May-24
Lahore University of Management Sciences	Lahore, Pakistan
TAship of CS100-Computational Problem Solving	January-24 – May 24
<ul style="list-style-type: none">Laid major emphasis on “paper coding” approach, given the hurdles in learning algorithmic thinking presented by easily accessible chat GPT.	

PROJECTS

Campus Cuisine - An intra-campus food delivery web-app for LUMS	April-24
<i>Project for Software Engineering</i>	
Identified a need to streamline process flows for managing food transactions within the student body of LUMS. Used MERN stack to develop the web-app	
CS100-VTA - Using generative AI to answer beginner queries about C++	April-24
<i>Project for Generative AI</i>	
Identified a need for a chatbot that teaches the actual concepts and guides the user throughout solving a problem just like a real TA would, without providing code. used google gemini along with prompt engineering to accomplish this objective, application was made using MERN	
Insights - PSX Stocks Price Predictor	Ongoing
<i>Personal Project for Data Science</i>	
learning to use scrapy, tabula-py and tensorflow to extract data from PSX website and train model for it. It will probably be deployed using FAST API, but I am yet to explore that option.	

AWARDS AND HONOURS

• Recognized for high Academic performance throughout O and A levels.	2018-2021
• Placed on Dean's Honor List	2021-2023
• 75% Merit Scholarship in A Levels.	2019-2021

LEADERSHIP

• Vice-President Robotics Society, LGS JT	Jan2020-Jan2021
• Event Head robowars, PSIFI	June 2022-May2023
• Assistant Director Special Projects, Photolums	June 2022-May2023
• Academic Event Head, Convening Council PSIFI	June2023-May 2024
• Represented LUMS at NERC-2023	June2023

ADDITIONAL INFORMATION

Programming Languages: Proficient in Javascript, Python. Took introductory courses in C++
Frontend: React, Redux, Material UI, learning NextJS
Backend: NodeJS, ExpressJS, learning GraphQL and AWS lambda functions
Databases: MongoDB, SQL, learning DynamoDB
Interests: Web development and Artificial Intelligence.