

UMM E HANI

+92-310-1038716 • hani.marium@gmail.com

• <https://www.linkedin.com/in/umme-hani-bb22061b9/> • Age: 21

Education

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY (3.59/4.00) Karachi, Pakistan
Bachelor of Computer Information and Systems Engineering 2019-2023

Professional Experience

AMAL ACADEMY Karachi, Pakistan

Education startup funded by Stanford University that teaches professional skills to students and corporations

Career-Prep Fellow: November 2021 – Present

- *Communication:* Completed a competitive written application and interview process to be selected from over 4500 applicants for intensive 3-month Fellowship funded by Stanford University
- *Skills development:* Investing 150 hours in order to develop business skills (e.g., communication, leadership, problem solving, teamwork, etc.) that will help me make a deeper impact on the job.

SMART CITY LAB NATIONAL CENTRE OF ARTIFICIAL INTELLIGENCE Karachi, Pakistan

The Smart City Lab at National Center for Artificial Intelligence is working on new techniques to make the city a smart city using Artificial Intelligence and IoT.

PROJECT INTERN: Jan 2021 – Jul 2021

- *Research:* Conducted on Computer Vision and Convolutional Neural Networks.

SPARKS FOUNDATION Singapore

A world of enabled and connected little minds, building the future. Inspire students, help them innovate and let them integrate to build the next generation humankind.

WEB DEVELOPMENT AND DESIGNING INTERN: Sept 2021 – Nov 2021

- *Analyze:* Customer trends to foresee future demand.
- *Creation:* Of E-commerce and Payment Check Websites.

Academic Experience

AUTONOMOUS VEHICLE Karachi, Pakistan Autonomous Vehicle based on CARLA, ROS and other state of the art computer vision and embedded algorithms, guidelines to implement AI & Computer Vision techniques on vehicles to make them autonomous.

PROJECT WORKER AND RESEARCHER: Jan 2021 – Jul 2021

- *Research:* On sensors, actuators, complex algorithms, machine learning systems, and powerful processors to execute software.

Extracurricular & Volunteer Experience

IEEE-WIE NEDUET Karachi, Pakistan

– *DIRECTOR TECHNICAL:* Leading the team and projects based on different technologies. Created **IEEE-WIE NEDUET Website**. Assuring that local context is defined and integrated into the project. Recommending and guiding methodologies involving data collection, criteria, and analysis. (2021-Present)

ARTIFICIAL INTELLIGENCE CLUB Karachi, Pakistan

– *DIRECTOR TECHNICAL OF OPEN CV:* Leading the team and projects based on open CV. Work on the **Autonomous vehicle project** and **Motion detection in real time analysis**. Preparing and reviewing technical project reports (2021-Present).

IEEE-STUDENT BRANCH NEDUET Karachi, Pakistan

– *CO DIRECTOR TECHNICAL:* Leading the team as a co director along with the head director. Assigned and managed tasks distribution and projects. Work on the **CONNECT2 COLLAB** project. **CONNECT2 COLLAB** works as a connecting bridge for students and industries (2021-Present)

NED GIRLS AFFAIR SOCIETY

Karachi, Pakistan

- *DOCUMENTATION MEMBER*: Responsible for creating content for social media platforms. Write blogs, poems and paragraphs on special events and Holidays (2020-2021).

Honors and Awards

ACADEMIC SCHOLARSHIPS

Karachi, Pakistan

- Received full merit-based academic scholarship from NED SCHOLARS (2019-Present)

ONLINE COURSES

Karachi, Pakistan

- Python for Everybody - Coursera – University of Michigan(2020)
- Machine Learning - DSC NEDUET and DSC UIT - Google Developers (2021)
- Android Development - Coursera- Google (2020)

AWARDS AND CERTIFICATIONS

Karachi, Pakistan

- Received merit-based Laptop Award from NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY(2020)

Additional

- *Technical Skills*: Python,Java, HTML5, CSS, JavaScript, MySQL, Linux,Docker, Matlab
- *Certifications*: Programming (Coursera, 2019), Android Development (Coursera, 2019), Web Development and Designing (Udemy, 2021).
- *Interests*: Web Development, Data Science, Machine Learning and Artificial Intelligence.
- *Language*: English, Urdu and Chinese.
- *Github*: <https://github.com/Marium39hani>
- *Medium*: <https://medium.com/@hani.marium>