



Hamid Muzaffar Khan

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WORK EXPERIENCE

10 JUL 2022 – 15 AUG 2022 Islamabad, Pakistan

WEB APPLICATION DEVELOPER ORIENTATION NUST 2022

Worked in the front end development of the respected event site by using NextJS alongwith Framer Motion, Tailwind and CSS3 for styling and animation.

15 MAY 2021 – 15 MAY 2022 Islamabad, Pakistan

RESEARCH ASSISTANT IN UNIVERSITY TUKL-NUST R&D CENTER, ISLAMABAD

Having Research on the improvement of NER (Named Entity Recognition) of the medical records by using various pre trained models to extract features that helps to improve NER.

10 MAR 2021 – 15 APR 2022 Islamabad, Pakistan

WEB APPLICATION DEVELOPER NUST MEDIA CLUB

Volunteer Work in a club for maintaining and upgrading the site of the club. Also helped in the IT related problems for the club.

EDUCATION AND TRAINING

14 OCT 2020 – CURRENT Islamabad, Pakistan

BACHELOR OF COMPUTER SCIENCE National University of Sciences and Technology, Islamabad

Address Sector H12, Islamabad, Islamabad, Pakistan | **Website** <https://nust.edu.pk/> | **Final grade** 3.85/4.00

8 SEP 2018 – 12 SEP 2020 Lahore, Pakistan

FSC, PRE ENGINEERING Government College University, Lahore

Address Katchery Road, Lahore, Lahore, Pakistan | **Website** <https://gcu.edu.pk/> | **Final grade** 1046/1100

1 MAR 2006 – 15 APR 2018 Raiwind, Pakistan

MATRIC IN COMPUTER SCIENCE City Public High School, Raiwind

Address Railway Road, Raiwind, Raiwind, Pakistan | **Website** <https://cpsraiwind.com/index.php> |

Final grade 1076/1100

LANGUAGE SKILLS

Mother tongue(s): **URDU** | **PUNJABI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	B2	B2	C1

DIGITAL SKILLS

Coding Tools

GitHub, Google Colab, Google Drive | Visual Studio - Visual Studio Code

Programming Languages

C/CPP programming | Python | Javascript

Deep Learning and Machine Learning

Pytorch | Numpy, Pandas | Matplotlib, OpenCV | sklearn

Web Development

Prisma | PostgreSQL | Html/CSS3 | ReactJS | NextJS | Bootstrap | Node JS | Supabase | Postman | TypeScript (Buona) | Java, Java FX | Framer Motion | PHP/Laravel | ExpressJS | MySQL | Tailwind | MongoDB

Operating Systems

Windows | Linux

ADDITIONAL INFORMATION

CERTIFICATIONS

1 AUG 2022 – 13 AUG 2022

Neural Networks and Deep Learning Course by Andrew NG

Neural Network Specialization Course from Coursera.

Link <https://coursera.org/share/e91ab142cd2d2564e4dfa9d6b716b8c4>

10 JAN 2021 – 24 JAN 2021

Programming Fundamentals by Duke University

Programming Fundamentals in C by Duke University and Coursera

Link <https://coursera.org/share/c6998737bcce837cea7b1ef22e2d6cb4>

1 DEC 2022 – 22 DEC 2022

CISCO Networking Essentials

CISCO Networking Essentials is the course related to network engineering involves the practical related to each layer of the network.

Link <https://drive.google.com/file/d/1TbSbnbNqsDY1bNxc2FMr80ORh8L5KafK/view?usp=sharing>

8 SEP 2022 – 8 JAN 2023

Digital Image Processing

Noise Removal, Image Sharpening, Image Compression, Object Detection, Morphological Operation and Classification Algorithms are being studied in this course.

PROJECTS

1 APR 2023 – CURRENT

Public Profile and Creator Store Public figures and companies build their profile where they are reached by the public and promote them by clicking on their profiles. Public figures can have a knowledge about their reach and companies can create promotions projects by looking at their reach in different areas.

Tools:

1. NextJS
2. Supabase Auth

3. Postgresql with Prisma
4. Typescript

Note: This is proprietary project so link cannot be shared. It could be shown during interview.

10 AUG 2022 – 5 SEP 2022

Orientation Nust Website Project website of the Orientation of the university for the freshmen to have a look about their orientation plans and explore about the events in the Orientation.

Tools:

1. NextJS for Frontend
2. Framer Motion for animation
3. Tailwind for Styling

Links <https://github.com/FahadZaheerfzr/Orientation-Nust> | <https://orientation-nust.vercel.app/>

15 MAY 2022 – 25 MAY 2022

Notebook on Cloud Course Related Project for web development where Full stack development is implemented.

Tools:

1. ReactJS for frontend
2. Bootstrap for styling
3. NodeJS for Backend validations
4. ExpressJS for routing
5. MongoDB

1 APR 2022 – 1 MAY 2022

Food Delivery Web App Semester Project of Web Engineering for which I have developed Food Delivery App with PHP in its backend along with MySQL database as per the requirements.

Tools:

1. Bootstrap for Styling
2. Vanilla JS for frontend
3. PHP for backend
4. MySQL Database

Link <https://github.com/h652-ui/Web-Project>

1 MAR 2022 – 5 APR 2022

Automated Bell System using Esp32 Semester Project for the Computer Organization and Architecture where ESP32 Architecture is analyzed by the project. This project allows the person to open the door by the web app through video streaming started on the IR sensor signal by the Esp32.

Tools:

1. ESP32
2. Arduino
3. IR Sensor
4. Html/CSS3
5. NodeJS and Firebase

Link <https://github.com/h652-ui/CAO-Project>

8 SEP 2021 – 14 SEP 2021

Document Classification using Efficient-Net A small part of Document Classification project where dual models used for classification one is HAN for words feature extraction and other is efficient Net for visual features extraction.

Tools:

1. Pytorch
2. Numpy and Matplotlib
3. Scipy

5 JUN 2021 – 5 AUG 2021

NER for medical Records using BERT Internship Project in the lab for improving the accuracy of the NER for medical records. Dataset is confidential which is a set of images of medical records of patients. Data is

extracted using pre trained OCR. Then, make features of the words using pre trained BERT model, then fed the features to the classifier for classification of words.

Tools:

1. Pytorch
2. Pandas and Numpy
3. Matplotlib
4. Scipy

HOBBIES AND INTERESTS

Cricket I am very passionate about cricket and love to watch and play the cricket. I love the bowling department of it. And my favorite player and bowler is Jimmy Anderson.