Malik Hashim

+92-312-4300907
hashim.hexatech@gmail.com
linkedin.com/in/malikhashim
Shad Bagh, Lahore
mhullah.bscs20seecs@seecs.edu,pk
https://github.com/iMalikHashim/

EDUCATION

2020 - 2024
NUST Islamabad
Bachelor of Computer Science

2017 - 2019
Islamia College Civil Lines, Lahore
F.Sc

CERTIFICATIONS

- Career Essentials in **Generative AI** by Microsoft and LinkedIn
- Care Foundation - **Marketing & Fundraising**
- Bayesian Networks - **NPU** - Global Open Courses Program
- **SAKURA Science Exchange Program-** JST (Japan Science & Technology)

SKILLS

- **C/C++**
- **Python**
- **Flutter**
- **OOP**
- **Firebase**
- **Data Structures**
- **SQL**
- **HTML/ CSS**
- **PHP**
- **Bootstrap**
- **Unity / Blender**
- **Django**

PROFESSIONAL EXPERIENCE

Headstarter — **July 2024 - Present**
Software Engineering Fellow — **Remote**

- Learning to Develop **5+ AI Projects** with 98% Accuracy
- **Leading** a Team of **4+** International Fellows
- **Coaching** by **Amazon, Bloomberg and Capital One engineers** on Agile, CI/CD, Git and microservice patterns

ByteWise Limited — **June 2024 - Present**
Machine Learning Intern

- The basis of ML, foundations & **sklearn library, Regression, K-Means Clustering**
- Data cleaning and manipulation using **Pandas, NumPy and Matplotlib**
- ML algorithms, creation and deployment as a target for fellowship ending September 2024.

PROJECTS

Chronic Kidney Disease App - NephroFit — **NUST**

- Led a team of 3 developers to design, develop, and test a CKD management app using **Flutter, Firebase, ChatGPT API** and **Machine Learning**, improving patient engagement, AI-based predictions and health monitoring.

IMDB Website with C++ Data Structures — **NUST**

- Developed an IMDB-like website using optimized **C++ data structures** and **search algorithms**, utilizing concepts like **Lists, Graphs, Hash Tables, AVL Trees, Pointers**

CourseSega Website — **NUST**

- Developed a responsive course website using **HTML, PHP, CSS, and JavaScript**, integrated animation features, and ensured compatibility across multiple devices.

Image Segmentation - Digital Image Processing — **NUST**

- Utilized **Python** and its libraries **openCV, Scikit-image and NumPy** for contour-based techniques and accurate **ID card extraction**, employing contour detection, erosion, filters, **canny edge algorithm**, bounding boxes, and threshold methods.

Deep Dream AI — **NUST**

- Used **Python** and **Inception V3** to create art from images by manipulating neurons, utilizing gradient, **PIL,** and specific layer activations for pattern discovery. Increased cost to get the opposite affect helping to find patterns based on pre-trained data.