

MAIDA SHAFaq

maida.shafiq242@gmail.com | +92 302 7211130 |
<https://www.linkedin.com/in/maidashafaq/> |
Doha, Qatar

OBJECTIVE

To obtain a challenging role where I can apply my strong technical skills and passion for coding to develop innovative, efficient and user-friendly web applications. With a solid education in computer science and hands-on experience with various programming languages and frameworks, I am eager to bring my creative problem-solving abilities and attention to detail to a dynamic and growth-oriented company.

EXPERIENCE

June 2022 –
August 2022

Summer Intern, *Finera/Tourism Live – Washington, US*

- Worked as a remote intern
- Participated in daily meetings and sprint retrospectives using remote collaboration tools like Zoom
- Acquired knowledge of various concepts and tools like php-ajax, xml, tortoiseVSN, postman, anyDesk, APIs
- Gained experience working in a remote environment

EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI),
Topi, Pakistan

2019 - 2023: Bachelor of Science in Computer Sciences

- CGPA – 2.99/4.0 (7th Semester)
- Relevant Coursework – Data Science, Full Stack Web Development, Compiler Construction, Design & Analysis of Algorithms, Deep Learning, DSA, Parallel Processing, Software Engineering, Fundamentals of Cyber Security, Operating Systems, Introduction to Databases, Artificial Intelligence, Computer Architecture, Computer Organization & Assembly Language
- Finance Head (Treasurer), Institute of Engineering & Technology (IET) on Campus GIKI

PROJECTS

Soundstage - Audio synthesis with context aware voice inflections & environmental sounds

FINAL YEAR PROJECT

A state-of-the-art audio synthesis pipeline that aims to bring a more fulfilling experience to the differently abled and the underprivileged, and make audio production more accessible for amateur creatives. It utilizes cutting edge generative models, coupled with a comprehensive NLP engine that extracts all the information needed to produce a complete audio synthesis

Comparative Analysis of Prim's and Kruskal's Algorithm using Greedy Approach

SEMESTER PROJECT

Implementation of Prim's and Kruskal's Algorithm using python and Google Colab as platform to analyze the behavior of the two-algorithm using greedy approach

Automated Timetable Generator (ATG)

SEMESTER PROJECT

A software application that used Django web framework to generate a clash-free timetable for GIK Institute

Online Railway Reservation

SEMESTER PROJECT

Developed a website using HTML and CSS for the front-end whereas phpMyAdmin and xampp as the back-end to make online railway reservations to avoid oneself from long queues

Hangman Game (City/Country)

SEMESTER PROJECT

Developed the game using programming techniques in C++

Contact Management System

SEMESTER PROJECT

Using hash table and linked list in C++

KEY SKILLS AND CHARACTERISTICS

Technical Skills:

- Proficient in programming languages such as Python, C++, C
- MEAN (MongoDB, ExpressJs, AngularJs, NodeJs)
- HTML, CSS, JS
- Intermediate user of PHP, MySQL, Oracle, Django
- Operating Systems: Linux, Windows

Personal Skills:

- Good Management & Communication
- Time Management
- Problem-Solving
- Adaptable to new technologies, methodologies, and tools, and changing environment
- Attention to detail
- Goal oriented and quick learner
- Team working