# Muhammad Talha Qadir

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## PROFESSIONAL PROFILE

Programmer and Cyber Security enthusiast with some hands-on experience in Google Cloud Platform, Web development and deployment using HTML, CSS, jquery, Angular, and other frameworks. I am a hard working, honest individual. I am a good timekeeper, always willing to learn new skills. An enthusiastic, self-motivated, reliable, and responsible person. Having good problem solving skills and great to work with teams and easy to get along with.

## WORK EXPERIENCE

**Personal Portfolio Website (https://mtqadir.me)**                    *March 2021-Present*
- Designed and planned responsive Front-End Design for Website using Bootstrap and JavaScript.
- Deployed the Website on GitHub pages to add custom domain.
- Tested the website on different platforms for compatibility and responsiveness and deployed.

**Volunteer at Chadar Foundation NUST**                    *Sep 2020-Oct-2020*
- Co-Managed the Sahara project in Bahawalpur.
- Assisted in collection, packing and distribution of donated clothes and other necessities to locals in need.
- Documented and reported the process to the Foundation.

**Eco-Intern at WWF-Pakistan**                    *July 2019-Aug 2019*
- Handled Social media activities.
- Provided IT support to team.
- Developed team communications and information for meetings.

## EDUCATION

**School of Electrical Engineering and Computer Sciences, NUST**
Bachelor of Computer Sciences                    *2018-2022*

**Rangers College, Bahawalpur**
Intermediate (Pre-Engineering), A+ Grades                    *2016-2018*

## PROJECTS

**Customer Feedback Sentiment Analysis using LSTM Neural Network:**
- Created a LSTM based RNN predicting the Sentiments from customers textual reviews.
- Cleaned and Preprocessed the US Airline Twitter Reviews Dataset and trained the model.
- Deployed the model using Flask Web Framework with an accuracy of 92 percent.

**Web app to analyze Crop requirements (View Certificate):**
- Guided Project of ML in Python with streamlit.
- Developed Web application to analyze soil conditions and recommend best farming practices accordingly.

**Multi-Threaded Web Crawler (View Repository):**
- Object Oriented Approach
- Used C++ pthreads to download html pages from the Web and parse the content for new links
- Mutex Locks to avoid deadlocks

**Bus Ticketing Management System:**
- Object Oriented Approach in C++
- Used Different Data Structures to Store retrieve and search ticketing data
- Console based System for Seat Reservations

**Obstacle Car racing Game in Java(OOP):**
- Object Oriented Approach
- Based on basic understanding of Object-oriented concepts
- Simple UI using Java.

**Library Management System in C ([View Repository](#)):**
- Provides hands on experience to all the basic programming and C language fundamentals.
- Made a Console based C application for Library management.
- Used file handling, reading, and writing algorithms and libraries to implement a structured management system.

## CERIFICATES

**Introduction to Cyber Security ([View Certificate](#)):**
- Offered by Cisco Networking academy.
- Basic introduction to Network and Cyber Security

**GCP Fundamentals: Core Infrastructure ([View Certificate](#)):**
- Offered by Google Cloud at Couresra.org
- Introduction to GCP platform and their core infrastructure.

**Web Design and Development** ([View Certificates](#)):
- Offered by University of Michigan on Coursera.org
- Web design using HTML, CSS, JavaScript, jQuery
- Web Application development using PHP, MySQL, NoSQL

## SKILLS
- Familiar with Flutter framework and dart.
- Familiar with Google Cloud Platform
- Efficient in programming using Python and C/C++.
- Critical Thinking and Problem Solving
- Web Development using HTML5 CSS3, jQuery, Bootstrap, PHP, MySQL
- Configuring simple networks using software-based Cisco Network Tracer