

M. Shahzaib Waseem

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Objective

My Goal is to become associated with a society where I can utilize my skills and gain further experience while enhancing the society's productivity and reputation.

Education

BACHELOR'S IN COMPUTER SCIENCE | 2016-2020 | NATIONAL UNIVERSITY OF SCIENCE & TECHNOLOGY (SEECS-NUST)

- Major: Computer Science
- CGPA: 3.44

FSC. | 2016 | PUNJAB COLLEGE (PGC)

- Specialization: Pre-Engineering
- Academic Performance: First Division with 80%

MATRICULATION | 2014 | ARMY PUBLIC SCHOOL (APS)

- Major: Science
- Academic Performance: First Division with 88%

Projects

SEARCH ENGINE

Semester Project for the course Data-Structures & Algorithms. This was developed using Python and it was used searched through a .xml file (from Wikipedia Dump).

GARDUINO

This was a Semester Project for the course Computer Organization & Assembly Language. This was made on Arduino (Microcontroller). This is otherwise called Automated Gardening System.

SCHOOL RANKING SYSTEM

This was a Semester Project for Database Systems. The Ranking System Ranked Schools in Pakistan. The reason for this kind of project was because of the lack of such System in Pakistan. For this Project Python and Flask (Microframework) were used on the Server side and sqlite was used as Database.

LIBRARY MANAGEMENT SYSTEM

We developed a Library Management System in JAVA. It was based on a Graphical User Interface (GUI). This was for a Semester Project for the course Object Oriented Programming. The Database was developed using JDBC.

PPM EDITOR

This was a Semester Project for the Course Introduction to Computer Programming using C. The goal for this project was to implement a Photo Editor tool, for .ppm files, with File Handling, Dynamic Programming and Pointers.

MOOCs

- **Introduction to Computer Science, CS50**
- **Practical Programming in C, 6.087**
- **Algorithms, Part 1**
- **Machine Learning**
- **Command Line**
- Microcontroller one day Crash Course

*Harvard
MIT
Princeton
Stanford
Codecademy*

Computer Background

- Programming Languages: Proficient in C/C++, JAVA, Python, HTML, SQL, SQLite and have also worked in PHP.
- Basic to Intermediate Knowledge of Machine Learning.
- Intermediate Knowledge of Version Control.
- Microcontrollers/IoT: Hands on Experience with Arduino & Nodemcu (ESP8266).
- Mobile Development: A little knowledge about Android Development (Android Studio & Unity).
- Operating Systems: Worked on Windows and Ubuntu, Kali Linux.
- Certified Microsoft Office Expert.