

Mujtaba Ali

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Personal Profile:

Highly motivated, responsible and devoted individual with dynamic personality. Having outstanding analytical and exploratory capabilities which assist in technical problem solving. Possessing excellent collaborative skill and can work well in both team and individual environment.

Looking for challenging software and web developer role at an exciting and reputable company.

Objective:

To serve the company and expand my expertise by improving professional, technical and teamwork skills of mine.

Academic Career:

- BS in Computer Science (Gold Medalist) from FAST-National University of Computer & Emerging Sciences (NUCES), Peshawar, Pakistan. (Will graduate in June 2017)

Major Subjects:

Computer Programming, Data Structures, Analysis of Algorithms, Computer Logic Design, Databases, Computer Organization and Assembly Language, Computer Architecture and Organization, Operating System, Computer Networks, Object Oriented Analysis and Design, Theory of Automata, Concurrent and Distributed Systems, Web Programming, Artificial Intelligence, Machine Learning, Software Engineering, Professional Issues in IT, Advanced Programming, Computer Modeling & Simulation, Network Security & Cryptography , Project-I, Project-II.

Experience:

- **TA-Ship:**
 - Teaching Assistant for the course of Data Structures in Semester Fall 2015.
 - Teaching Assistant for the course of Analysis of Algorithms in Semester Spring 2016.
 - Teaching Assistant for the course of Discrete Structures in Semester Fall 2016
 - Teaching Assistant for the course of Analysis of Algorithms (present)

At FAST-National University of Computer & Emerging Sciences.
- **Final Year Project:**
 - Personal Analytics for Faculty (Desktop Application in Java: Available on github)
<https://github.com/muj123-fastpwr/Personal-Analytics/tree/head>
- **Semester Projects:**
 - Digital Watch (Console Application in Assembly Language)
 - Text Analyzer (Desktop Application in Java)
 - Hospital Management System (Oracle)
 - Online Games (A Gaming Website using HTML, CSS, JavaScript, Ajax, PHP and Bootstrap)
 - Cat & Dog classification (in Matlab)
- **Assignment Projects:**

- Sigsim = Signal Simulator (Desktop Application in Java)
- AVL tree (Console Application in C++)
- Expression tree = A calculator (Console Application in C++)
- 8-Puzzle game (Console Application in C++)
- Triangle Types (Java Application)
- DES implementation (Java)

Responsibilities:

- Assisted the course professor in checking assignments and quizzes.
- Supervised TA-sessions and helped students' in solving their subject related problems.

Skills:

- Web Development (HTML 7/10, CSS 6/10, JAVASCRIPT 6/10, JQUERY 6/10, PHP 7/10).
- OpenMp 6/10
- Message Passing Interface (MPI) 6/10
- Open Computing Language (OpenCL) 5/10
- C 6/10, C++ 7/10, Assembly Language 6/10, Java 6/10, Oracle 7/10, mySql 6/10.
- Matlab 5/10, Python 4/10.
- Machine Learning Skills (sci-kitlearn, theano, keras) 3/10.
- Networking Basics

Achievements:

- Won PMNICT-2013 Scholarship (4 years Bachelors Degree).
- Won NASCON 16 CS-Quiz Competition held by FAST-NUCES Islamabad.
- Won ASCII 16 CS-Quiz Competition held by International Islamic University Islamabad.
- Won TECHFEST 2.0 CS-Quiz Competition held by FAST-NUCES Peshawar.

Hobbies:

- Playing chess, football and socializing with friends.

Languages:

- English, Persian and Urdu.