Ahsan Abdullah

59-C , Liaqat Town , Faisalabad , Pakistan.

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Education	**Lahore University of Management Sciences, Lahore, Pakistan**

08/2010 – 06/2014

- BS in Computer Science
- Dean's Honour List for Spring '12 and Fall'13
- cGPA : 3.41
- scGPA : 3.78

Punjab College of Science , Faisalabad , Pakistan

09/2008 – 06/2010

- Awarded 100% fee scholarship for high achievement in secondary examination.
- *Graduated with a 91.18% score in BISE Intermediate examinations.*
- Intermediate with Mathematics , Chemistry , Physics , English , Urdu , Islamic Studies, Pakistan Studies.

Divisional Model College , Faisalabad , Pakistan

09/1997 – 06/2008

- *Graduated with a 93.05% score in BISE Secondary examination.*
- Matriculation with Mathematics , Biology , Chemistry , Physics , English, Urdu , Islamic Studies, Pakistan Studies.

Projects

- 3D Checkers implemented in MATLAB with an AI Player (Spring '11)
- Snake Game implemented in C++ (Fall '11)
- Task Scheduler implemented in C++ (Fall '11)
- GUI based Chess Game powered with LAN play in Java (Spring '12)
- Library Portal System implemented in Java (Spring '12)
- A tilt sensitive LED matrix formed with help of discrete ICs (Spring '12)
- A Google Chrome Plugin for twitter, extendable to other social networks. (Spring '12)
- SAT exam automated checking algorithm. (Summer '12)
- Surface reconstruction of fluid based particle system Smooth Particle Hydrodynamics in C++ (Fall '12)
- Adding functionalities to Not Another Completely Heuristic Operating System, NachOS in C++. (Fall '12)
- An 8-bit single cycle processor using discrete ICs. (Fall '12)

Experience

Research Assistant at Computer Vision Lab with Dr. Sohaib Khan.
05/23/2012 – Present Lahore University of Management Sciences, Lahore, Pakistan

- Smartphone Localization using IMU data and Image features

Teaching Assistant for Computational Problem Solving with Dr. Sohaib Khan and Dr. Murtaza Taj.
01/2012 – 05/2012 Lahore University of Management Sciences, *Lahore*, Pakistan

- Grading and supervising Labs
- Creating Lab Quizzes
- Advisor for course Projects and Project grading
- Holding interactive tutorial sessions

Teaching Assistant for Introduction to Programming (C++) with Dr. Fareed Zafar
08/2012 – 12/2012 Lahore University of Management Sciences, Lahore, Pakistan

- Grading Quizzes and Assignments
- Conducting office hours for helping students
- Holding interactive tutorial sessions
- Creating Labs and Assignments

Teaching Assistant for Advanced Programming with Sir Ali Syed
01/2013 – Present Lahore University of Management Sciences, Lahore, Pakistan

- Creating Labs and Assignments
- Grading Quizzes and Assignments
- Holding interactive tutorial sessions

Director at Psifi 2013
03/2012 – Present Lahore University of Management Sciences, Lahore, Pakistan

- Organizing Pakistan's biggest Science Olympiad

Skills

Programming Languages – C++, C, C#, JAVA, MIPS Assembly, MATLAB, Python, HTML, JavaScript, PHP.
Technologies – MySQL, .NET.