

Muhammad Haider Abbas

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EDUCATION

University of Engineering and Technology, 54000 Lahore, Punjab, Pakistan

Bachelor of Science, Computer Science, October 2015-19

7th Semester out of 8 semesters- 3.72 out of 4.00 CGPA

Selected Coursework: Software Engineering (Fall 2017), Automata Theory (Fall 2017), Data Structures and Algorithms (Spring 2017), Algorithm Design and Analysis (Fall 2017), Digital Logic Design (Fall 2016), Object Oriented Programming (Fall 2016), WebApps Development (Spring 2018), Machine Learning (10-605, Spring 2015), Artificial Intelligence (Fall 2017), Database Systems (Spring 2018), Computer Networks (Spring 2018), Operating Systems (Spring 2018).

Government Islamia College, Civil Lines, Lahore

Intermediate in Computer Science 2013-2015

- A – Division.

Government Central Model School, Lower Mall, Lahore

Matriculation (Computer Science) 2011-2013

- A – Division.

SKILLS

Languages/Scripts: C/C++, Java, x86 assembly, VB.NET, C#, .NET, PHP, VBScript, SQL, .NET, Arduino.

Software: Visual Studio, Android Studio, Flash, Dreamweaver, Sketch, Photoshop, Illustrator, After-Effects, keil assembler, proteus.

Web Management Systems: WordPress, Blogger.

Databases: SQL Server 2000 / 2005 / 2008, Oracle, Microsoft Access, MySQL

Operating Systems: Windows Server, Android, MAC OS, Vista / 7 / 8, Linux.

EXPERIENCE

Software Engineering Intern

InventorX Inc., Lahore, PK, May - August, 2018

- Interned with the user data team, which is part of cloud services at Adobe.

Robotic and Internet of Things Intern

Makeistan, Arfa IT Park, Lahore, PK, May - June, 2017

Interned with the Ph.D. professor and students team on robotics to develop following projects:

- An Autonomous path finding car which finds its path from one point to other by using efficient software algorithm and hardware collaboration.
- Facebook Chat bot bases Smart Home Appliances Controlling gadget.
- Smart Cane for Blind persons

Network Engineering Intern

P.A.C Academy of Commerce, Lahore, PK, June - August, 2017

- Interned with the network engineer to configure the firewall of pf-Sence using different algorithms and to trouble shot the network of multi campuses organization.

Developer

Developer for CoderX Software Solutions, Lahore, Pakistan

- Built Bluetooth-based messaging where users anonymously post situation.
- Restaurant Food Ordering Application.

AWARDS & CERTIFICATIONS

Certificate of Appreciation by Government of Pakistan -2016.

Received Certificate of Appreciation for deploying welfare software of Hospital Management System at DHQ Hospital, Narowal from Minister Ahsan Iqbal, Ministry of Planning & Development, Government of Pakistan.

Certificate of Appreciation by Vice Chancellor -2016

Received Certificate of Appreciation for deploying Library Management System for University of Engineering & Technology from Vice Chancellor Prof. Dr. Fazal Ahmed Khalid.

Certification in General Computer Course -2013

Operating Systems, MS-Office, Hardware Troubleshooting – Punjab Computer College.

Certification in Multimedia Web Engineering -2013

Microsoft Front-Page, Adobe Deamviewer, Graphic Designing, Adobe Photoshop – Punjab Computer College.

PROJECTS

Final Year Project for BSc. Computer Science & Engineering (2019)

University of Engineering & Technology, Lahore, Final semester BS Computer Science project 2015-19

- Control of Appliances for Hand Amputee and bed Patient via Gesture Control Armband.

Wireless Smart Home Automation System using IoT, Software Engineering and Digital Logic Design techniques.

University of Engineering & Technology, Lahore, 3rd semester BS Computer Science project 2016

- Implemented basic principles of Software Engineering to develop the android application to control the appliances wirelessly, and principles of Digital Logic Design to design the circuit for the project.

Desktop Computer Controlled Camera Car

University of Engineering & Technology, Lahore, 3rd semester BS Computer Science project 2016

- Developed a Desktop Software Controlled Camera Car by Arduino C Programming, for security purpose.

Smart Parking System using IoT

University of Engineering & Technology, Lahore, 4th semester BS Computer Science project 2017

- Smart Car parking & ticketing System using Arduino and Data Structure Algorithms to find the free parking space.

Smart IoT based Patient Bed Finder Device

University of Engineering & Technology, Lahore, 2nd semester BS Computer Science project 2016

- Smart Patient Free Bed finder for Hospitals to find the free bed space at the entrance screen of hospital emergency ward using Arduino C Programming and Circuit Analysis.

Game in JAVA (Eclipse IDE)

University of Engineering & Technology, Lahore, 4th semester BS Computer Science project 2017

- Developed GUI tank war game in Java Programming using Eclipse IDE.

Path Finder and Obstacle Avoidance Autonomous car

University of Engineering & Technology, Lahore, 4th semester BS Computer Science project 2017

- Arduino based C Programming algorithm car to find its path, and to avoid obstacles on its way.

Web and Android base School Management System

University of Engineering & Technology, Lahore, 5th semester BS Computer Science project 2017

- Developed Web based School management system in HTML, PHP, MySQL, CSS. And Student's Application in Android platform using Java programming language.

Email Sharing Server for an Institute

University of Engineering & Technology, Lahore, 4th semester BS Computer Science project 2017

- Designed an Email sharing Server for an institute during Computer Networking course.

ACHIEVEMENTS

Real time District Hospital Management System for Govt. DHQ Hospital Narowal.

Deployed real-time Hospital Management System at Government District Head Quarter Hospital, Narowal, Pakistan in 2016.

Real time University of Engineering & Technology Library Management System. (Deployed)

Deployed real-time Library Management System at University of Engineering & Technology, developed in PHP, MySQL in 2016.

Punjab Educational Commission (Govt.) Web Portal Design

Designed Web Portal for Punjab Education Commission in HTML, CSS and Bootstrap in 2017.

Blood Bank Android App Govt. DHQ Hospital Narowal

Deployed Blood Bank System at Government District Head Quarter Hospital, Narowal, Pakistan in 2017.

President CODATOR UET Computer Science Society

Took oath under Society policy of University of Engineering & Technology as the President of CODATOR Society of Computer Science & Engineering 2016.

HOBBIES AND INTERESTS

Maintain a video game review blog and attend gaming conferences. Lead a local tabletop gaming team. Enjoy reading and playing e-games. Volunteer at local school, teaching computer literacy class for seniors.