



Hamza Ahmed Qureshi

A-52 Block I North Nazimabad Karachi, Sindh, Pakistan
Mobile: 92-3224182406; 1592hamza@gmail.com; Date of Birth: May 01, 1992

EDUCATION

Lahore University of Management Sciences

May 2015

BS in Computer Science

Relevant Courses: Matlab, Java, Python, C++, C#, HTML, CSS, Bootstrap, PHP, MySQL

EXPERIENCE

Centegy Technologies Pvt. Ltd.

Java Developer - Software Development - Computer Science

Sep 15 - To Date

Java and Web Developer. Back-end and front-end development of Enterprise level application. Currently working on SOAP and REST API.

Lahore University of Management Sciences (LUMS)

Teaching Assistant - Computer Science - Academia

Aug 14 - Jan 15

Full time teaching assistant for the course 'Introduction to Computing' with a class size of over 300 students. My responsibilities included, but were not limited to, supervising 20 projects, conducting labs, creating quizzes and holding weekly office hours.

LUMS Computer Science Department

Research Assistant - Computer Graphics - Academia

Jun 14 - Jul 14

Worked at the Computer Vision department of LUMS on the project of "Increasing detection range of Microsoft Kinect using DSLR, lens correction techniques and skeleton tracking". The aim was to use the DSLR along with Microsoft Kinect which would serve as an additional tracking unit and combining the input of both to enhance the tracking ability.

PROJECTS

"Lookout360.pk"

This was a project that started from the Boston civic hackathon known as "Pakathon" which was hosted in LUMS by the Boston University. The idea of our team was a crime reporting service for the people of Pakistan using a website and an android app. The idea won us the first prize which was seed funding. It is currently under development at

lookout360.pk.

Our pitch is available at: <https://vimeo.com/74865441>

"2d Pose Estimation Using Kinect"

A research project during the summer of 2014. The aim was to find new ways of increasing the range and sensitivity of the Microsoft Kinect sensor by combining pose estimation, through a DSLR, along with color and depth lens correction, through the kinect sensor.

"Improving local government services using smart city solutions"

This was my senior year project which aimed at successfully creating an efficient system of garbage collection using technological advancement. Multiple languages were used for this project, which included ASP.NET, Java, JSON, PHP, JQuery, MySQL, etc., because there were different modules, front-end and back-end, which needed to be stitched together.

"IMDB Database replica"

Project for my databases course in which an online search portal was created using IMDB database along with few custom tweaks to further enhance the searching experience.

"3d Tennis Game"

Project for my advanced programming course in which a 3d Tennis Game was built using the UNITY 3d platform. This game encompassed of multiple playing modes and levels.

ADDITIONAL SKILLS AND EXPERIENCE

- Experience with 3d modeling (Blender).
- 5+ years experience with Adobe Photoshop for graphic designing.
- Command over C++, Java, Matlab, SQL, HTML.
- Other than that, have worked with Python, CSS3, Bootstrap, PHP, JSON, JQuery etc.

HONOURS AND AWARDS

"Best idea in Boston Civic Hackathon"

Me along with seven other colleagues formed a group and participated in the Boston Civic Hackathon of 2014. We came up with an idea of instant crime reporting using technology. lookout360.pk, our brainchild, is under development currently and we have contacted agencies such as Rescue 1122 for alliance. This will allow citizens to report a crime online or through a text message/ mobile app without any fear.

"Head of creativity and technicals department at LUMS Dramatic Society"

I was awarded the top position of the creativity and technicals department at LUMS Dramatic Society and I led a team of 20 students while I held that position.

INTERESTS

My interests consists of a large spectrum of activities; like going out for sports or leisure activities but at the same time I enjoy the time spent playing video games. Similarly I like graphic designing on photoshop but I also like sketching on paper. When it comes to academia, I take pleasure in working with computer graphics and android development. To summarize, my interests aren't confined to a few activities. Instead I appreciate doing new things, like going to mountainous regions, which give me an adrenaline rush and learning new things which fascinate me.

EXTRA CURRICULAR

- Headed technical division of the LUMS Dramatics Society throughout my time at LUMS which taught me a lot about dealings while in a leadership position.
- Playing tennis, football and working out is part of my daily routine which promotes a healthy lifestyle and a change of mindset.
- Went on trekking trips to northern areas of Pakistan. This included trips to Hunza, Skardu, Rattu (Skiing), Khanpur, Khunjerab Pass, Passu etc.
- Have volunteered at many NGOs and am always eager to help out my community in every way possible. An instance of which is "lookout360.pk" which is created to help out the society.