HAMZA AHMED QURESHI

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Objective

To work at an organization which allows me to work with state of the art technologies in the ever evolving world of computer science.

Education

B.S. Computer Science - *Lahore University of Management Sciences* (**LUMS**), Lahore, Pakistan   *August 2011 – May 2015*

Research and Professional Experience

Analyst Programmer, *Centegy Technologies Pvt. Ltd*, Karachi, Pakistan   *September 2015 – August 2016*

- Worked at one of the top firms in the industry
- Worked on multiple enterprise level Java applications.
- Learned about software industry practices and specifications.
- Worked on enhancement of live applications.

Co-Founder, *Lookout360*, Lahore, Pakistan   *Oct 2013 – May 2015*

- A web and mobile application inspired from the idea of neighborhood watch provides a simple interface to the public for reporting instances of crime.
- Lookout360 was conceived during Hackathon 2013 hosted by MIT Enterprise Forum and won the best startup award along with $3000 seed funding.
- I designed the web application from scratch, secured partnerships with NGOs and integrated with rescue services to allow immediate action on the crime reports.

Freelance Android/Web Developer   *January 2016 – Present*

- Started freelancing for local and international clients.
- Currently working on a laundry service android application for a client in Australia.

Research Assistant, LUMS, Lahore, Pakistan   *June 2014 – August 2014*

- Worked as a student research assistant in the Computer Vision department.
- The project was "2D Human Pose Estimation and Tracking in Non-overlapping Cameras".
- I built the whole module of depth and lens correction using a DSLR and Microsoft Kinect.

Technical Skills

Languages & Frameworks:	Java, C++, MATLAB, JavaScript, JQuery, SQL, HTML, CSS, PHP, OpenGL, Bootstrap, CodeIgniter, Jekyll
Platforms:	Windows, Linux, Web, Android
Software and IDEs:	Intellij Idea, Eclipse, Microsoft Visual Studio, Android Studio, Toad, DataGrip, Adobe Photoshop, Adobe Illustrator, Coral Draw, Cyberlink Power Director
Version Control:	TortoiseCVS, Git

Projects

ILAS   **Centegy Technologies Pvt. Ltd**

Technical details: MVC framework, Oracle DB, SQL Server, Java, JSP, HttpServlets, JavaScript, JQuery, JSTL, HTML, CSS

- Worked in a team of five to create the "**Individual life administration system**" to facilitate the information gathering process and to automate the process of creating an insurance quote.
- This process reduced the paper work for the insurance firms and sped up the process by multiple folds; completing calculations in minutes which usually took days of manual work.

ILAS – Android   **Centegy Technologies Pvt. Ltd**

Technical Details:

Web Server: REST API, MVC framework, Java, Oracle DB

Android Client: Volley framework, MySQL

- Solely created the whole REST API from scratch to migrate the ILAS web application to android devices.
- Upgraded the backend service so the same Models and Controllers served both the web application views and Android application views (through REST API endpoints)
- Actively took part in android development outside my assigned role since due to project deadline.

GIAS (Group life module)   **Centegy Technologies Pvt. Ltd**

Technical details: Oracle DB, Java, JSP, Scriptlets, HttpServlets, HTML, CSS

- **"General insurance and administration"** enterprise application is currently deployed on 30 insurance companies worldwide.
- I worked on the "**Group life administration**" module of the application in a team of three and brought it online in a small time frame while concurrently working on my other projects.
- Provided support to clients after delivery of module

SPROJ (Senior year project)   **LUMS**

Technical details: Java (web), Android, MySQL, Google Maps API

- Created an automated "Garbage collection system" which allowed dynamic processing of requests.
- Created a client android application through which client could request the garbage service.
- Implemented the most efficient path algorithm with multiple vehicles and multiple depots.

Non – Technical Skills

- Intellectual Curiosity
- Openness to new experiences and technologies
- Persistence
- Project Management and leadership
- UX/UI designing
- Film making and Photo Editing
- 5+ year experience in graphic designing in Photoshop
- Trekking and exploration
- Visit hamza1592.github.io for a more detailed CV