



Salman Sattar



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Mobile: 923353258027 slmn.sttr.65@gmail.com Date of Birth: Aug 26, 1994

EDUCATION

Lahore University of Management Sciences
BS in Computer Science - **CGPA 2.99**

Aug 13 - Jul 17

EXPERIENCE

Mobilink

Jul 16 - Sep 16

- I did a six weeks internship at Mobilink, Solution Provisioning and Engineering (SPE) department. My project was to configure Cisco routers and handle other day to day tasks.

ITIT

May 16 – Jul 16

- Did a six weeks internship at the organization ITIT. My project was to simulate the OSI model of networking on Unity.

Lahore University of Management Sciences (LUMS)

Jun 15 - Aug 15

- My project was to synthesize new strategic ways to improve the efficiency of PASE (a Data Center transport framework). I was conducting this research under the supervision of **Dr. Ihsan Ayyub Qazi** at **LUMS**.

The Citizens Foundation (TCF)

Jul 14 - Aug 14

- Participated in a 4 week Summer Camp for the Citizens Foundation as a Senior Volunteer. My tasks were to organize the transportation, new learning methods and ways to make the summer camp experience more fun for both the students and volunteers.

Pakistan Society for Training & Development (PSTD)

Dec 13 - Jan 14

- My project was to update the database for Management Information System in MS excel to make it more user friendly and easy to analyze.

PROJECTS

Senior Year Project Turning SmartPhones into 3-D Scanners

This project is basically about implementing a real time 3D Scanning software on a mobile phone using fundamental ideas from computer vision. One of the main sources of this project is the paper EPFL's Computer vision department wrote, titled as: *"Turning your smartphone into a 3D Scanner"*.

University Academic Projects

- emotionEXPRESS:** App for autistic kids for their emotional recognition and regulation
- Manji Munch:** My project was to maximize the profits using Linear Programming Model and Queuing Model
- FoodPanda for Lums:** An interactive delivery system website with a back end database using Ruby on Rails framework
- C++ Compiler:** My project was to build a C++ compiler using Python's Lex and Yacc libraries
- MIPS Processor:** My project was to make the I, R and J type processors in Proteus using MIPS instruction set
- Visual Studio:** A 3D tank game in LUMS environment using OpenGL and GLUT libraries of C++
- Wall Following Robot:** My project was to make a wall following robot using Infrared (IR) sensors
- Blaster Ball:** Hardware implementation of the game using PCB and LED matrix

ADDITIONAL SKILLS AND EXPERIENCE

- Programming expertise in **C/C++, Java, Python, MATLAB, PL/SQL, HTML, CSS, Ruby, Ruby on Rails, JavaScript, Network Simulator (ns-2), Unity** and **Android Development**.
- Advanced proficiency in Prototyping Tools – **Proto.io** and **PowToons**.
- Microsoft Office (particularly **Excel, Word** and **PowerPoint**)
- English, Urdu** - Advanced Proficiency. **Punjabi, German & Pushto** - Elementary Proficiency

HONOURS AND AWARDS

- Represented **LUMS** and won **2nd position** in **"All Pakistan Science Fair 2013"** at **GIKI**.
- Won **1st position** in **squash** in **Intra-college squash competition 2013**.
- Awarded **2nd position** in **College Annual Science exhibition 2012**.
- Scored **4th position** in **Karachi** in **PAKTURK Math Olympiad 2011**.
- Awarded **"High Achiever"** for outstanding result in **Matric 2011**.