

SALMAN KHAN

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Objective

To be a part of a progressive, competitive and continuous learning environment based on mutual benefits for personal as well as organizational growth. And for enhancing and contributing my skills as an employee.

Academic Qualifications

BS Computer Science	2012-2016	2.27 CGPA	FAST-National University, Peshawar
F.Sc (Pre Engineering)	2010-2012	67%	Government High School, Township, Lahore
SSC (Matriculation)	2008-2010	61%	Government College, Township, Lahore

Final Year Project

My final year project is on “GPU (OpenCL) Based FFT(Fast Fourier Transform) Library”. OpenCL is now standard for cross platform (CPU/GPU/mobile etc.). OpenCL is GPGPU API that enables programmer to use GPU as co-processor for massively parallelizable. OpenCL greatly improves the speed and responsiveness of a wide spectrum of application in numerous markets.

FFT is most important algorithm used in science and engineering. However no fully comprehensive library on the OpenCL platform exists as of yet. The benefits of the FYP would be that this gap would be filled by library produced entirely in Pakistan and used by scientist and engineers around the world.

IMPLEMENTATION: Linux, C programming, OpenCL

Key Achievements

1. Final Year Project Funded by National ICT R&D Fund 2016.
2. Coordinator at “Inter Colleges Events” at FAST-NUCES 2015
3. Organizer at “Intra FAST Cricket Tournament” at FAST-NUCES 2015
4. Member of sports society at FAST-NUCES 2015

List of Key Projects

1. Implement Cricket Management System in Oracle 11g, SQL
2. Developed Point of sale system project based on UML & java
3. Implement Minesweeper Game in Assembly Language
4. Implement Memory addressing modes in computer architecture Course
5. Implement Hostel Management System in PHP & AJAX
6. Implement Vehicle Detection System In Digital Image Processing Course

Technical and Interpersonal Skills

- GPGPU programming OpenCL
- C, C++, Java, Assembly Language Programming
- Oracle 11g, SQL, PLSQL
- PHP, Web Design & Development (HTML, CSS), JQuery, JavaScript
- Machine Learning, Digital Image Processing
- Visual Studio 2013, Eclipse, Matlab, Linux, Astah professional (JUDE)
- Good analytical and problem solving skills
- Good Communication Skills, Team Player