

JUNAID AHMAD



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About Me

During my entire academic period, I don't think I have challenged and utilized my potential to the fullest. In order to quench my thirst of continuous learning and testing myself in various scenarios, without caring less about the amount of work, I want myself to be utilized by my employers to the extent, that they can be proud of me.

Academic Qualifications

BS (Computer Science)	2012-2016	3.49	FAST-NU, Peshawar Campus.
F.Sc (Pre Engineering)	2010-2012	67%	Govt. Degree College, Toba Tek Singh.
SSC (Matriculation)	2008-2010	84%	Sultan Foundation High School, Toba Tek Singh.

About FYP- A Library for UI/UX Testing for Android Based Smartphones

The idea is, for UI/UX testing, it's important to know what parts of the screen the user usually interacts with. There are heat maps in the browser/desktop world but on smartphones, there are no "mouse pointers" to track. The user only interacts with the screen by touch events and by glancing at the screen. The purpose of the project is to automate the UI/UX testing. Library that can be included in any app to serve the same purpose as heat maps on desktops. This will be for Android native applications.

Key Achievements

1. 5 Silver Medal and 1 Bronze Medal Winner for best performance Awards throughout.
2. Remained in Dean's Honor's list for 4 semesters.
3. International Member of ACM.
4. Runner-Up Debug Police Competition Nascon'13.
5. Speed Programming Winner Intra-Fast Competition
6. Freelancer at Fiver.



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List of Key Projects

Data Encryption/Decryption Application using Java Swing

The aim of the project was to implement different algorithms for encryption/decryption in order to ensure

network security. This application can en/de data using following algorithms: Row Transposition, Vigenere Cipher, Polyalphabetic cipher, DES and AES.

Extracting Specific Frames from a Video using Matlab

A semester project for the course of machine learning. Image classification using bag of features and k-means algorithm was used for classification and confusion matrix technique was used to find the accuracy of the algorithm.

Implementation of Scoreboarding Algorithm using Python

A semester Project aimed to log the data dependencies of every instruction. Used PyCharm as tool.

Telnet (TCP/IP protocol) Implementation using Java

The idea behind the project was to implement a TCP/IP protocol (Telnet) for accessing remote computers using Eclipse as a tool.

Online School Management System

Web based system used PHP, MySQL, and front end technologies. The goal was to automate the process of registration and attendance system of a school.

Snake & Ladder Game using Assembly Language

A semester project during the course Computer Organization and Assembly Language in which the Snake & Ladder game was developed using TextPad Editor as a tool.

Point of Sale using Java Swing

A touch application for restaurant's order taking process.

Experiences

National University of Computer and Emerging Sciences 2016

Chair-Person at Mega Event "Tech-Fest" held at FAST-NU Peshawar Campus.

President Fast Software Competition Society (SCS-NU).

National University of Computer and Emerging Sciences 2015

Teaching Fellow (TF) for course of Computer organization and Assembly Language.

Teaching Fellow (TF) for course of Theory of Automata.

State-Life Insurance Corporation Peshawar Pakistan 2015 (2 Months)

Android Developer.

National University of Computer and Emerging Sciences 2014

Vice President NUCES-ACM Student Chapter PWR Campus.

Vice President Fast External Event Society (FEES).

Technical Skills

Languages

C, C++, Java, Python, HTML, XML, JavaScript, PHP, Matlab, SQL.

IDE's & Tools

Visual Studio, Wamp Server, Sql Plus 11g, Android Studio, Git, LaTeX, Oracle Jdeveloper 11g (Beginner Level), Eclipse Luna (Expert Level in Swing).

Operating Systems

Windows 8.1, Ubuntu 14.1.

Proficient Areas

Pair Programming, Software Testing and Debugging, Snapdgaron SDK, Android Application Development (intermediate Level), OpenCV (intermediate level).

Interests

1. Reading Psychology
2. Cooking
3. Freelancing
4. Playing Cricket

*References will be provided on request.