

Paras Kumar

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OBJECTIVE

I want to succeed in an environment of growth and excellence to meet personal and organizational goals.

TECHNICAL SKILLS

C, C++, Java, OOP, SQL/PISQL

TOOLS

Dev C++, Netbeans, Unity3d, Rstudio, Oracle

EDUCATION

BS (Computer Science) 2012-2016 **CGPA 3.36**

National University of Computer and Emerging Sciences -FAST, Karachi.

PROJECTS

FYP (Urdu Learning Application For Dyslexic Students)

This project is basic Urdu learning application for the Dyslexic children as well as for children aged (4-10). The application will teach the basic alphabets learning, variations of alphabets, placement of dots, physical interpretation, number system and joining of word. The main objective of this application is to teach basic Urdu to children in very organized and effective manner.

Poker Classifier

Rstudio, 8th Semester, Data Mining Course, Spring 2016

UCI machine learning repository data set is used for training and classification. Naive Bayes classifier algorithm was implemented.

C Language Compiler

Lex and Bison, 8th Semester, Compiler Construction Course, Spring 2016

A C language compiler is implemented using Lex and Bison tools. It will take C program as input and output will be lexemes, symbol table and semantic errors. Syntax and Semantics analysis are performed.

3D Healthy Runner

Unity3d, 7th Semester, Game Programming Course, Spring 2015

An android based mobile game, in which a player has to reach the ending point of the level to proceed to next level crossing some obstacles and keeping himself safe from the enemies.

Career Selection Based on Personality

Java, 6th Semester, Software Engineering Course, Spring 2015

A web Based application which tells the person about his personality and his field of interest based on his/her personality.

Tower of Hanoi (3D)

OpenGL, 5th Semester, Computer Graphics, Fall 2014

The tower of Hanoi simulation in 3D. It includes textures, animations, lighting and shading.

Restaurant Management System

Java, 5th Semester, Database Systems & OOAD Course, Fall 2014

A complete restaurant management system for the restaurant.

Type-1 Hypervisor (XEN vs KVM)

C, 4th Semester, Operating System Course, Spring 2014

Research based Project on XEN and KVM using Cent OS, Open SUES, Ubuntu, Fedora, Debian, linux mint operating systems. The research contained differences between of the disk I/O, CPU utilization and memory management performance.

Mobile Simulator

Qt framework, 2nd Semester, Computer Programming, Spring 2013

A fake mobile simulator consisting of clock, notepad, 2 games, contacts, daily dairy, video player.

INTERESTS

Reading books , Sports , Problem Solving and eager to learn new things.

AWARDS & HONORS

- **Scholarship**
 - 4-years fully funded scholarship from ICT R&D Fund Program
- **Dean's List**
 - 3rd Semester - Fall 2013, NUCES-FAST
 - 2nd Semester - Spring 2013, NUCES-FAST
- **Winner**
 - Speed Programming Pro Battle 2014, IBA Karachi
 - Coder's Cup 2014, NUCES-FAST
 - Speed Programming Pro-brains 2013, Karachi University
 - Coder's Cup 2012, NUCES-FAST
- **Runner Up**
 - Speed Programming Itec 2015, NED University
 - Coder's Cup 2015, NUCES - FAST
 - Speed Programming Procom 2014, NUCES-FAST
 - Speed Programming Combat 2014, PAF-KIET

EXTRA- CURRICULAR ACTIVITIES

- Campus Ambassador - Softec 2016, NUCES-FAST
- Campus Ambassador - Probattle 2015, IBA Karachi
- Campus Ambassador - Itec 2014, NED University