

Personal information

Surname(s) / First name(s)

Telephone(s)

Email(s)

Website(s)

Updated CV

Education

Technical skills

Python

GIT

SQL

NoSQL

R

Javascript

C++

Linux

Windows

Projects

Ahmed Pyar Ali

+923052506670

ahmed.dhanani@tutanota.com

<https://www.kaggle.com/ahmedpyarali>

<https://www.github.com/mrpycharm>

<https://mrpycharm.github.io>

Bachelors in Computer Science (2013 - 2017)

FAST-NUCES, Karachi

HSSC (2011 - 2013)

Aga Khan Higher Secondary School, Karachi

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FYP - Malarial parasite detection in blood smears (Python, Matlab) - Developing a technique to automate the detection of malarial parasites(Plasmodium Falciparum and Vivax) in the blood samples tested in laboratories.

Sarcasm detection (Python)

<https://github.com/mrpycharm/sarcasm-detection-IR>

Using different NLP techniques to detect the presence of irony in Reddit comments.

News Core (Python, PHP, MySql, XML)

<https://github.com/ahmeddhanani/newscore>

Developed a news aggregation system that fetches updates from multiple online news portals. The fetched news were displayed in a customized fashion on the web interface for the user.

Rescue Me (Python, Firebase) - Responsible for developing a web based interface for an ambulance-patient service. This app lets people call an ambulance in an emergency situations from their cell phones. It has a web interface for the hospitals to manage the availability of the beds and other resources.

Virtual Memory Management (Operating Systems, C) - Developed a virtual memory management system for an operating system. The program assigned and release the virtual memory to a process on demand.

Universal Turing Machine (Python) - Developed a universal turing machine program in python. This program simulated a turing machine on a random set of inputs.

Achievements

April 2016
December 2015
April 2014

Winner, Procom's speed debugging competition at FAST-NUCES.

Semester project selected as the best project for the annual open house 2015.

Second runner up, Procom's speed programming competition at FAST-NUCES.

Related coursework

Core courses
Advance courses

Database Systems, Data Structures, Computer Programming, Introduction to Computing.

Data Science, Information Retrieval, Bioinformatics, Artificial Intelligence, Introduction to Cloud Computing.

Skills and hobbies

Skills
Hobbies

Strong communication and management skills.

unity3D game development, music recording, strategy gaming