Personal information

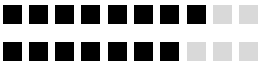
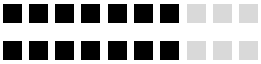
Surname(s) / First name(s)	**Ahmed Pyar Ali**
Telephone(s)	+923052506670
Email(s)	ahmed.dhanani@tutanota.com
Website(s)	https://www.kaggle.com/ahmedpyarali https://www.github.com/mrpycharm
Updated CV	https://mrpycharm.github.io

Education

Bachelors in Computer Science (2013 - 2017)
FAST-NUCES, Karachi

HSSC (2011 - 2013)
Aga Khan Higher Secondary School, Karachi

Technical skills

Python	
GIT	
SQL	
NoSQL	
R	
Javascript	
C++	
Linux	
Windows	

Projects

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

March 2017	Runners up, IBA Probattle's data analytics competition at IBA.
April 2016	Winner, Procom's speed debugging competition at FAST-NUCES.
December 2015	Semester project selected as the best project for the annual open house 2015.
April 2014	Second runner up, Procom's speed programming competition at FAST-NUCES.

Related coursework

Core courses	Database Systems, Data Structures, Computer Programming, Introduction to Computing.
Advance courses	Data Science, Information Retrieval, Bioinformatics, Artificial Intelligence, Introduction to Cloud Computing.

Skills and hobbies

Skills	Strong communication and management skills.
Hobbies	unity3D game development, music recording, strategy gaming