Personal information

Surname(s) / First name(s)

Telephone(s)

Email(s)

Website(s)

+923052506670 ahmed.dhanani@tutanota.com

Ahmed Pyar Ali

https://www.kaggle.com/ahmedpyarali

https://www.github.com/mrpycharm

Updated CV

https://mrpycharm.github.io/portfolio.html

Education

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

HSSC (2011 - 2013)

Aga Khan Higher Secondary School, Karachi

Technical skills

Python GIT

SQL

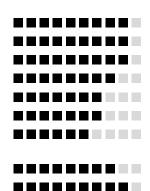
NoSQL

F

Javascript

C++

Docker Linux



Certifications

DataCamp

Statistical Thinking in Python (Part 1)

https://www.datacamp.com/statement-of-accomplishment/course/68c11ea247e219b7f9c6db69fefc70c445bf83e2

Supervised Learning with scikit-learn

https://www.datacamp.com/statement-of-accomplishment/course/d38f3a6bcd6cc36eaad59193d58b52f8a5b1cbf5

Introduction to Data Visualization with Python

https://www.datacamp.com/statement-of-accomplishment/course/2c8f4dfd341ee8581ddd337698c4d223af609268

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.

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

Winners of Technocredibles at FAST-NUCES, organized by The Developer's Society.

Related coursework

Core courses Database Systems, Data Structures, Computer Programming, Introduction to Com-

puting. Advance courses

April 2014

December 2013

High Performance Computing, Data Science, Information Retrieval, Bioinformatics, Artificial Intelligence, Introduction to Cloud Computing, Information Processing Tech-

niques.

Skills and hobbies

Skills Strong communication and management skills. Hobbies

unity3D game development, music recording, strategy gaming