Muhammad Hamza

Software Developer | Data Scientist

A young self-motivated IT professional with knowledge and proficiency in object oriented programming, and strong skills and ability in writing clean and efficient code, seeks the position of Software Developer/ Software Engineer to make a direct impact on the company's business.

Education

2015-08 - 2019-06

Bachelor of Science: Computer Science
FAST-NUCES - Karachi

2013-05 - 2015-05

Intermediate: HSC Pre-Engineering
Sindh Muslim Government College - Karachi

2011-05 - 2013-05

Matriculation: SSC
Gallant Foundation School - Karachi

Projects

FINAL YEAR PROJECT
Region Based Sentiment Polarity Identification from Online NEWS
A Research based project based on identification of Sentiments on a NEWS published, in different regions based on particular event, with different opinion of News writer. The regions include China, India, Pakistan, United Kingdom, and United States of America.

E-Commerce Website
Developed using PHP, HTML and CSS.

Cricket Score (ESPNCricinfo)
Online Cricket score system consisting of Web Application and Desktop Application developed in C# using .NET framework. The data is scrapped from different LIVE Sports website. The database integration is done by using Microsoft SQL Server.

Ethereum Wallet
An Android application which allow the Ethereum coins to exchange between the users of the wallet.

Internet Topology Dataset
A Research paper reproduction published in IEEE conference. New insights of the Router, IP addresses, and Hops was discovered in reproducing the Research results.

Kubernetes (E-Commerce Website)
An E-Commerce application deployed on Google Cloud Platform using Kubernetes as an orchestration tool.

CA Authentication Mechanism
A public key encryption simulation in which different modes of encryption were used and described the pros and cons of each mode. CA authentication and simulation of Root CA was also a part of this project.

Twitter Sentiment Analysis
A Data Science course project build in order to analyze the Sentiments on a particular event by using the Twitter API. The comparison of basic ML algorithms like Naïve Bayes, and SVM

Personal Info

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LinkedIn
linkedin.com/in/muhammad-hamzah7b4a5610b/

Skills

C, C++, C#, CSS, HTML, Java, LaTex, PHP, Python, SQL

Tools

Anaconda
Atom
NetBeans
PyCharm
Visual Studio

CS Electives

- Data Science
- Design Defects and Restructuring
- Information Systems Security
- Information Processing Techniques
- Introduction to Cloud Computing
- Software Testing

Certifications

2018-06
Introduction to Python
2019-06
Deep Learning in Python
2018-07
Natural Language Processing Fundamentals in Python

Interests

Software Development
Web Development
Data Science