Hassan Rehman

11th Sept 1995, PAK

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Career Objectives:

My goal is to secure a position in a creative and dynamic work environment where I can apply my skills in programming. I have recently completed an BS computer science with distinction. Always delivering quality and driving innovation, I am ideally positioned to drive portfolio expansion and am ambitious about leading risk management programs for clients.

Profile:

- An enthusiastic man with high motivations and leadership skills, doing bachelors in Computer Sciences.
- Eager to learn new technologies and methodologies.Expert in performing multiple tasks.
- Expert in solving problems.
- Good at image processing and web development.

Interested In:

- Web Development
- Image Processing
- Data Analysis
- Machine Learning

IT Skills:

Programming Languages/ Skills:
- Python (django), Python shell scripting
- PHP (Laravel)
- Java / Android, C#, C++
- Javascript, Ajax, Jquery
- Bootstrap4, HTML, CSS3
- Linux

Programming Tools:
- OpenCV(python)
- NLTK (python)
- Tensorflow
- Git, GitHub, Git Bucket
- Rest Framework
- LAMP, XAMP, WAMP
- MySql, MongoDB, neo4j(beginner)

Experience:

- **Software Internee at "The TechSol BWP"**
  July 1st,2018 – August 11th ,2018
  Working on Computer Vision and Image Processing project by using OpenCV, TensorFlow on python language. Worked on two projects and several prototypes, first one was face recognition system and the second one was DICOM parser, visualizer and 3D renderer and small prototypes of Django

- **Working Experience with Freelancer**
  June 1st,2016 – Sept 30th ,2016
  Worked with a freelancer to learn the basics of web development e.g HTML, CSS, Bootstrap, PHP. During this duration I developed many front end layouts for client as well as done backend coding using PHP.

Education:

- **BS Computer Science (2014 – 2018)**
  The Islamia University of Bahawalpur.
  Achieved 3.6/4.0 CGPA

- **Intermediate in Science (2011 – 2013)**
  Govt. Sadiq Egerton College, Bahawalpur
  Achieved 76%.

- **Matriculation in Sciences (2009 – 2011)**
  Pioneer High School, Bahawalpur
  Achieved 85%.

Projects:

- **Dicom Data Parser and visualizer:**

  This system is developed in python. System is capable of parsing all type of Dicom data. It gives the output of patient name, age and show data on basis of data protocol and render 3D image.

- **Face Recognition System:**

  Developed a face recognition system for a client. This FC system can detect and recognize multiple person in

one frame using HOG+SVM detector. To decrease the false recognition the KNN distance is kept low. The system is developed in python and user interface is designed in PyQt. It can be run on all devices regardless of platform (Windows, MacOS and linux distributions).

- **Hand tracking and Gesture Recognition system:**

My final year project was based on computer vision. The project is developing in python using Open CV. The project will identify hand by color segmentation and perform different functionalities.

- **Crypton:**

Crypton is a web application developed in django framework as well as android application. The main functionalities of this application is to show the rates of different crypto currencies. Moreover it also show the past changes in a graph form so that user can understand more. It also shows the data of different country's currencies by web scraping from exchange sites and show graphically the values with respect to US dollar. In android app its only show the data related to crypto currency.The source code is available on "Github". Also live at Heroku. http://coin-crypton.herokuapp.com/ **https://github.com/HassanRehman11/Django-Crypton**

- **Blog:**

Blog was created for self learning of laravel framework of PHP. The blog consist of full CRUD functionality with user authentication, user registration and reset password modules along with commenting system integrated. The source code with screenshots are available on github. **https://github.com/HassanRehman11/LaravelBlog**

- **Other Projects:**
- Cryptography in Python and Android
- Hospital Management System in C#
- IP Screen Sharing and voice over IP in Python
- Screen Casting in Python

Other Skills:

- Fluent in speaking and writing English.
- Good at delivering the presentation.
- Can do multiple tasks efficiently.
- Good at searching about the solutions of complex problems.

Hobbies:

- Sketch artist by passion.
- Like to watch political talk shows and crime shows.
- Like to read and watch about history and taboos of the society.

Reference:

Reference will be furnished on demand.