Hinel Mistry

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I want to be a knowledge oriented professional and to work in highly competitive and healthy environment to explore my skills and knowledge in advancement of reputed organization. To achieve high carrier growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing scenario of the world.

Technical Skills & Abilities

- **Programming Languages**: C, C++, java, Python
- **DBMS:** MySQL (Basic)
- **AWS**
- **Web Development:** HTML, CSS, PHP
- **Tools:** Android Studio, Code Blocks, Visual Studio, NetBeans

Academic Qualification

2017- PRESENT
Bachelor of Technology in Computer Engineering/ Chandubhai S. Patel Institute of Technology, Changa, Gujarat
CGPA:9.46(Till 6th Sem)

2015-2017
HSC(GSEB) / AB Higher Secondary School, Navsari, Gujarat
Percentage:84%

2014-2015
SSC(ICSE) / METAS Adventist International School, Vyara, Gujarat
Percentage:82.17%

Work Experience

OCTOBER – NOVEMBER (2020)
Data Science and Business Analytics Intern/ The Spark Foundation, Work from Home
In this Internship, I have performed the task given on machine Learning Concept and LinkedIn.

APRIL – MAY (2020)
Summer Internship / Charotar University of Science and Technology, Charusat, Work from Home
In this Summer Internship, we have developed Cryptos application which is available on Play Store.

MAY – JUNE (2019)
Summer Internship / Atul Infotech Pvt Ltd, Valsad
In this Summer Internship, I have worked on live project using PHP Framework [CodeIgniter]

Project

Railway Reservation System using C++
In this project we created own header file to search for the train by its train number. This Project is mostly based for viewing availability of the train for the particular place with the help of header file.

Data Transmission using Virtual Reality
It is an Educational Software developed by using technologies Unity & Blender. In that, User has to select any character to be transmitted & then, it'll show how the same character is being transferred in different signal schemes like Unipolar NRZ, Polar NRZ, Unipolar RZ, Polar RZ. All the Scripting's were done using C# Language.

Developed one game on Google Assistant using action on Google
I have made one Trivia Quiz game on Google assistant using action on google. Any user can go on google assistant and say "Let's Quizify ". It will run the Trivia game on that device.

Digital Library Management System using RFID
This Project is developed for both Students and the faculties associated with library management. The purpose of this software is to provide best user experience to both students and faculty members. With the help of web portal students can easily know the availability of books in library.

Data Warehouse Administration Application (Summer Internship)
The purpose of our project is to edit the existing report, add new report, delete, replace, and search the employees which are present in the particular assign report. This application is used by the company in their day to day life for viewing report details.

Surveillance System
This project is used for monitoring our computer lab. This system also includes announcement system with the help of python and android.

Cryptos Application (Summer Internship)
The main purpose of this app is to help students gain insights to the fundamental steps of how the cryptographic algorithms work. To make the basics of an algorithm clear. Also, to provide fast and easy access to the algorithm we they need it and to let people know the basics of algorithm and provide it when the user whenever he needs it.

Fire Guard (Vision based Fire Detection)
The propose of the project is to detect the fire at early stage which helps to reduce the damage caused to the property and the human life and to reduce the false alarms which have are cause due to color and motion based fired detection. Therefore, to overcome such problem we have developed this project using Deep Learning (Using CNN Model) based fire detection methods.

Activities and Workshops

Participation
- Participated in E - Yantra Robotics Competition 2018
- Participated in Smart Gujarat For New India Hackathon 2019-2020
- Participated in Independence Day Quiz on 15th August ,2020

Workshops
- Network Security by Muttu Krishnan Rajarajan- The Professor at City University of London, Changa
- AR - VR Workshop at MSU University, Baroda
- Vadodara CSI Workshop on Chatbot at GCET University, Vidyanagar
- Workshop Organized by Google's Development Club, Changa
- CSI workshop on Human-Computer Interaction with AWS Alexa, Changa
- GUJCOST webinar on Frontier of Deep Learning Application for the Future by Department of Computer Science &Engineering, Changa

Certification

- AWS Fundamentals Specialization (Coursera)
- Crash Course on Python (Coursera)
- Speak English Professionally: In Person, Online & On the Phone (Coursera)

Declaration

I solemnly declare that all the above information is correct to the best of my knowledge and belief.