Jayakiran Guntuku

Former Research Intern | Data Science Enthusiast | Android & Web Developer | Pythoneer

Highly motivated with a goal-driven work ethic. Passionate about self enhancement day by day by exploring the new techniques and technologies.

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linkedin.com/in/jayakiran-guntuku-3b5a23131 in

github.com/jaykiran ⬤

stackexchange.com/users/17701128/jaikiran-jay

EDUCATION

Bachelors of Technology, Electronics and Communication Engineering
Indian Institute of Information Technology, Nagpur
07/2016 – 07/2020

APBIE, Class XII
Sri chaitanya Junior College, Visakhapatnam
05/2014 – 04/2016

APSSC, Class X
Bhashyam Educational Institutions, Srikakulam
06/2013 – 03/2014

WORK EXPERIENCE

Mentee - PClub Summer of Code
Programming Club, UIET
06/2020 – Present

Achievements/Tasks
- Working on a project job.org
- Developing an android app for blue collars for job seeking and to live life with dignity

Research Intern
Tsecond Generation Technology Pvt Ltd
07/2019 – 12/2019   *Nagpur, India*
Product Innovation & Development Company located in Nagpur

Achievements/Tasks
- Developed an IOT device comes with RFID door accessed Security System which captures the Real time behavior of Refrigerators Freezers, stores the data to cloud and raises the alert for unusual behavior in Refrigerators.
- Developed a Testing Setup for the Fluid Gauging Device E-Funnel which can capture the Fuel filling at certain intervals and also can capture the Continuous Fuel filling to any range at different angles of E-Funnel.
- Automated the Continuous Data Analysis reports of Fluid Gauging Device E-Funnel using python Programming

Contact: Sahil chawla − sahilchawla14@tsecondgyan.com

Summer Intern
RINL - Steel Plant
07/2018 – 08/2018   *Visakhapatnam*

Achievements/Tasks
- Worked on different types of telecommunication technologies - Broadband Technology, IP - Networking. Also studied about the inter Communication Channels from one plant to other plant inside the industry

SKILLS

C   C++   Python   SQL   JavaScript   Git/Github

HTML   CSS   Tableau   Machine Learning

Visualization

KEY PROJECTS

Secured Data Transmission using 3.5mm Aux cable
- Designed a novel way of transferring data from one device to another device by keeping up confidentiality that no one can find that the data transfer was happened using Audio port as medium of communication.
- Main objectives that are satisfied through design are better data rate , security of data and prevents data leakage.

Youtube Clone
- Developed an android app using react-native Cli
- Implemented Features like Video Streaming and Searching same as youtube

Weather Forecasting Using Python
- Displays Real time weather humidity, temperature and google news based on location
- Gui was developed using Tkinter package

Face Recognition Attendance System
- Simplified the daily attendance system by real time face recognition using python and openCV

Vehicle Headlight Management system
- Adjusting the Headlight of vehicle with respect to the motion of that vehicle
- Increasing and decreasing the Intensity of light with respect to [position of opposite vehicle

Tic Tac Toe Game
- Implemented in Python
- Applied principles of object oriented programming by using classes to encapsulate and abstract the board.

Analysis of ECG
- Detection of QRS peak from input ECG signal and heart rate calculation from detected r peaks
- Implemented on Matlab

Movie Success Predictor
- Prediction of success rate of upcoming film using probability and the previous Success rate of inputs picked up from databases. This was implemented in Python

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Native or Bilingual Proficiency