Janvi Dankhara

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EDUCATION

Northeastern University, Khoury college of Computer Science, Boston, MA

Jan 2021 - Present

Master of Science, Computer Science Expected Graduation: Dec 2022 Related Courses: Algorithms, Database Management System, Web Development

CGPA:3.67/4.00

Gujarat Technological University, Ahmedabad, India

Bachelor of Engineering, Computer Engineering

Related Courses: Artificial Intelligence, Operating Systems, Data Mining, Data Structures

Python, Java, Vector Calculus and Linear Algebra

May 2020

CGPA: 9.33/10

TECHNICAL SKILLS

Languages: Python, C, C++, HTML, Java, SQL, CSS, React, Node js, JavaScript

Databases: MySQL, MongoDB

Platforms and Tools: TurboC, Android studio, Visual Studio, Jupyter Notebook, Anaconda, Pandas, Arduino IDE

Certifications: Python for Everybody, Python Data Structures from Coursera e-learning platform

WORK EXPERIENCE

Stypix – Internship

Key Responsibilities: Jan 2020 - June 2020

- Solving business problems for customers by doing market search, and developed technologies for their business.
- Built object oriented algorithms for classifying meaningful data from pool of data by using python.
- Worked with databases and wrote several queries to retrieve information from the data.
- I was given the chance to guide 4 new interns after some period of time to lead them in proper direction.
- Technologies Used: Python, pandas

ACADEMIC PROJECTS

Smart Kev

- The main objective of this project was to design and build a working gadget that helps tracing the lost/misplaced keys by selecting most convenient wireless communication method to design an Arduino based key finder.
- Integrated the software with hardware components which can provide practical implementation.
- Used Bluetooth, GSM and GPS modules to avail a mobile application that adds on to help locating the key with a module of emergency contacts to provide communication in difficult situation.

Brisk Recognition

- It is a project based on face detection and face recognition for keeping record of attendance.
- It uses machine learning and AI to recognize the different kinds of faces from front, left and right side and uses KNN method along with classifiers for recognition of faces.

Smile Detection

- Smile is the most important part in media industries it is important for companies to determine public reaction to their products.
- The project is on a smile detector which takes in live feed from webcam.

Farming Cycle

- The main aim is to provide a platform for renting machines, selling products, providing information on farm products and detecting disease from leaves of plants through a mobile application. So, it will encourage farmers into technical fields with the purpose of making a system which provides diseases detection by using image processing.
- For vendors side it provides a way to buy products from farmers and adding machine on rent.

Hotel Management System

- Designed a website for hotel management which includes search room, make payment, manage database manage booking operations.
- Used HTML for programming and CSS for styling and formatting.

ACHEIVEMENTS

- Attended workshop on android organized by Department of Computer Engineering, SSASIT
- SHRI DEWANG MEHTA IT AWARD in 5th semester of Bachelor of engineering
- Completed Diploma in Python from IIHT, Surat, India