

Janvi Dankhara

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EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA Dec 2022
Master of Science, Computer Science GPA: 3.67
Relevant Courses: Algorithms, Database Management System, Web Development

Gujarat Technological University, Ahmedabad, India May 2020
Bachelor of Engineering, Computer Engineering CGPA: 9.33
Relevant Courses: Data Structure, Analysis & Design of Algorithms, Vector Calculus & Linear Algebra, Operating Systems, Java, Python, Artificial Intelligence, Data Mining, Theory of Computation, Software Engineering

TECHNICAL SKILLS

Programming Languages and Technologies: C, C++, HTML, CSS, React, JavaScript, PHP, Java, Python, SQL, Unix/Linux, Git
Platforms, Libraries and Tools: MATLAB, Arduino IDE, Android studio, REST APIs, Express, GraphQL, Node.js, Pandas, NumPy
Databases: PL/SQL, MySQL, SQLite, PostgreSQL, MongoDB

EXPERIENCE

Stypix, Ahmedabad, India Jan 2020 – June 2020
Python Developer Intern

- Performed run on object-oriented algorithms to classify meaningful data from pool of data by working with python language
- Applying Keras classification and regression neural network models, worked on a project based on medical reports which reads data from patient's report to separate terms such as hypertension, diabetes from file with a team of 7 people on it
- Got 94% accurate results by utilizing Amazon Medical Comprehend when reading data from files

Narola Infotech Solutions LLP May 2019 – Dec 2019
Software Engineer Intern

- Using Rapid Miner tool, prepared dataset by following normalization and translation techniques to present data to answer some queries by user and demonstrated Django CRUD functionality to support basic operations exploiting python and mysql
- Contributed to smile detection that employ OpenCV for computer vision, focused on image processing and pre-trained models

ACADEMIC PROJECTS

CryptoStock Analyzer

- Designing a web application which shows hundreds of crypto coins by displaying price and health index along with a conversion tool to convert currency from one form to another
- Data visualization technique to distinguish income and expense alongside supporting secure login with JWT authentication
- Tools and Technology: MongoDB, React, Express, NodeJS, GraphQL

Smart Key

- Built an Arduino based key finder to trace lost/misplaced keys by selecting most suitable wireless communication method to map the gadget attached with key to an android based mobile application in a team of 5 members
- Augmented app to give call to listed contacts on button press, locate key using Google Maps and set beep time to find key
- Tools and Technology: Arduino IDE, Android Studio, Arduino Nano, Bluetooth HC-05, SIM 808

Brisk Recognition

- Developed a project to automatically record attendance of people in an organization, subsequently rendering an attendance report in .XLS file and tabular file format working with a group of 4 members
- Affix new member by capturing 120 images (frontal and profile face), train those images and renders it in .xml file format
- Tools and Technology: IDLE (Python3.7 32 bit), NumPy, Pandas, IP camera, Raspberry Pi

Farming Cycle

- Devised a mobile application having two main user farmers and sellers; on farmer's side, tab showing information about crops, available machines and a button to add products whereas on seller's side, way for buying products and selling machine
- Calculated percent of infection on a leaf through image processing based on RGB detection which gives 3 images to decide
- Tools and Technology: MATLAB, phpMyAdmin, Android Studio

Hotel Management System

- Developed a web app to aid CRUD for displaying staff details, calculating income with overtime, deductions and bonus
- Tools and Technology: HTML, CSS, JavaScript, Xamp server, MYSQL

INTERESTS AND ACTIVITIES

- Awards & Certifications:** IIHT certified Python Developer, Shri Dewang Mehta IT Award in 5th semester of UG
- Leadership:** Head of an English event named Pictionary leading a team of 10 people
- Hackathons:** Certificate of participation in SSIP's Smart Gujarat for New India Hackathon 2019-2020 held in February 2020