

SHWETA S PARULEKAR

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EDUCATION

Hirasugar Institute of Technology, Belagavi affiliated under Visvesvaraya Technological University(VTU)
Bachelor of Engineering, Electronics and Communication Engineering(ECE)

Aug 2015-May 2019
CGPA: 7.1

OBJECTIVE

To develop a career in the ever changing, challenging and dynamic field of Technology by giving the best with all my ability, sincerity as to attain organizational goals thereby fulfilling my professional goals.

TECHNICAL SKILLS

Languages	Python, Pandas, NumPy, Matplotlib, Keras, SQL, Neural Networks: CNN, RNN
Databases	MySQL, SQL Server
Analytical Tools	Jupyter Notebook, Power BI, Advanced Excel, SAP Business Objects, Crystal Reports, Tableau.
Statistics	Multivariate Statistics, Hypothesis Testing, Statistical modeling

PROJECTS

Deep Convolutional Neural Networks for early detection of Breast Cancer, (Python, Jupyter Notebook, OS- Ubuntu) Jun 2020

- Analysed Data from Kaggle and Python for Data cleaning, data Analysis, Data Visualizations and Over Sampling methods to Balance the Data using **Jupyter Notebook, Keras and Kaggle**.
- Implemented different Algorithms like Logistic Regression, Support Vector Machines, K-nearest Neighbor, Neural Networks- **Convolutional Neural Networks(CNN)** and **Artificial Neural Networks(ANN)** using Deep Learning.
- Python and CNN method is used to perform Image Processing. Data Augmentation is done to increase the diversity by Matrix method, Compression, Cropping, padding etc.
- My Tasks performed were Extracting and validating **the Datasets**, Comparison of various **Models** like ResNet, Inception V3 Models with the Datasets and creating the Reports of the Project in detailed View.
- The main goal of my Project is for the improvement of new computerized pattern recognition technique for the classification of Cancer and Non-Cancerous Breast Images from Histopathological Images.
- The thesis provides output of the early detection of breast cancer based on the Patient's Data. Feature '**Class**' is the response variable and it takes **value 1** in case of **Cancer Cells** and **0** otherwise.
- Simulation results give a good classification in Benign and Malignant Cells in the patient who is suffering from Cancer and achieve good accuracy of **95.79%** that is the highest recall score (**0.957**) compared to other models it is best in predict the **Cancer Detection**.

Temperature Sensor using node MCU, (Python, Arduino IDE, Node MCU, Sensors, and Digital Voltmeter)

Jul 2018-Aug 2018

- This mini-project is implemented for measuring the temperature of the room or weather forecasting by using the **Arduino kit** and the sensors. The Digital voltmeter converts the voltage into degree celsius by using sensors and we can get instantly the current temperature , anytime.

EXPERIENCE

Certifications, Qspiders (Bangalore), Code Basics.
2020

Aug 2019-June

- Certification in Python, Java, SQL/PLSQL, from Qspiders, Bangalore .
- Learnt Python, Numpy, Pandas, Matplotlib, Jupyter Notebook, Tableau from Code Basics .
- Certified in Data Science- Numpy, Python from LinkedIn Learning By Lillian Pierson P.E

Intern, Nihon Communications, Bangalore

Jul 2018-Aug 2018

- Created a python based NodeMCU tool to perform Exploratory Data Analysis and creates visualizations to give Temperature sensing of room and recording different temperatures and Weather conditions using Arduino and Python Libraries .

Intern, Tech Fortune, Bangalore

Jun 2018-Jul 2018

- Evaluated the operations data gathered through time and method study using Python to increase productivity.
- Learnt Internet of Things(IOT) and Wireless Sensing Network(WSN) Technologies and completed Cyber Security Workshop.

Data Specialist, Victoria's Secret and Co, Bangalore, India

Sep 2020(present)

- Conducted Market Research for a Virtual Consultation platform on Vendor data to find the trends in the Industry
- Manage the data being entered into and extracted from the system – SAP MM relating to the Order Management process.
- Data Analysis using Advanced Excel with SQL, Vlookup, Macros, Data loader , MAT tool testing and UAT testing for validating the data in SAP Business Objects.
- Ensure data accuracy and tasks completion under the established performance standards using Data Visualization, Data Validation . Data pertaining to Vendor Purchase Order.

EXTRA CURRICULARS

- Successfully Completed **CYBER SECURITY WORKSHOP** organized at TECH FORTUNE ACADEMY, Bengaluru.
- Completed courses in Data Science- Python, Numpy, Pandas, Matplotlib, ETL, Power BI from Code basics, Udemy and LinkedIn Learning.

SKILLS AND ABILITY

- Interpersonal skilled
- Strong values and ethical person
- Communication skilled
- Vision Oriented
- Open to ideas and views of others

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

Date: 04/07/2021

Place: Bangalore. (Shweta S Parulekar)