

EDUCATION

SRM Institute of Science and Technology

2016-2020

B.Tech in Computer Science and Engineering

TECHNICAL SKILLS

Tools and Software: Python, Matplotlib, Numpy, Seaborn, Scipy, Pandas, SciKit-Learn, BeautifulSoup, Keras, TensorFlow, Flask, Django, Jupyter Notebook, Spyder, AWS EC2 INSTANCE, Heroku Cloud, Google Cloud Platform, Azure Cloud

Programming Languages: Python, C++, JAVA, SQL, HTML, CSS, LaTeX

Database: MySQL, MongoDB, SQL Server, Amazon Firebase Database

Machine Learning: Use Models like:- Regression, Log Regression, Naïve Bayes, SVM, KNN, Decision Trees, RF, PCA, K-Means, etc.

Deep Learning: ANN, CNN, RNN, LSTM, Computer Vision, Transfer Learning, Natural Language Processing

ACADEMIC PROJECT

Detection of Breast Cancer Using Machine Learning and Deep Learning

Jan 2020 – June 2020

- We used various visualization techniques using WBCD data set.
- We used various classification techniques like SVM with Normalized Data, SVM without Normalized Data, SVM with Grid Search Method, KNN with Normalized Data and PCA, KNN with Grid Search Method.
- Compared both the Algorithms and various Bagging and Boosting Techniques.
- We used Deep Learning ANN and used various optimization techniques or Hyper parameters.

Self Balancing Robot

June 2019 – Nov 2019

Developed a Self Balancing robot learned its basic concepts using Java

CERTIFICATES AND ACHIVEMENTS

- **IBM Data Science Professional Certificate**, Coursera
- **Programming for Everybody (Getting Started with Python)**, Coursera
- **C Programming**, SRM IST (elab)
- **Certificate of Merit in Personal Security System**, SRM IST
- **Software Security**, University of Maryland, College Park (Coursera) -6 week

INTERNSHIP/TRAINING

- **Android Application Development**, Hewlett Packard Enterprise
- **Android Program**, Trisect Institute
UI, Activity, Intent, Storage, Advanced Topics

Summer 2018

Summer 2018

PERSONAL PROJECTS

- Car price prediction
- Cricket score prediction
- Flight fare prediction
- Air quality index prediction
- Breast cancer detection
- Diabetes detection
- New York Taxi Fare detection
- EDA of Titanic Data set
- Stock Sentiment Analysis using News Headlines Machine Learning
- Checking password strength
- Fake news classifier
- Cat Dog classification
- Tomato Leaf Disease detection

- Face recognition
- Car Brand Classification
- Cotton Disease detection