

AMAL NARAYAN

Vellore Institute of Technology - Vellore

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EXPERIENCE

Research Intern

Samsung Research Institute, India

October 2021 - December 2021 Bengaluru

- Worked with Samsung Bixby team in Samsung Prism Program to build a LSTM based Deep Learning model that automate the process of anomaly detection using existing log analysis model in large scale distributed system
- Worked on Deep Learning development frameworks like Tensorflow and Keras

Machine Learning Intern

The Sparks Foundation

July 2020 - August 2020 Lucknow

- Study Analyzer** a team project to build a model which analyzes the study pattern of the students preparing for various competitive exams using Logistic Regression and Decision Tree Classifier algorithms on the datasets taken from various education agencies.
- Technology used : Numpy, Pandas, Sci-Kit Learn, Matplotlib

Subject Expert - Computer Science

Chegg India Pvt. Ltd.

February 2021 - October 2021 New Delhi

- Worked as a subject Q/A expert in Computer Science Department
- Solved doubts regarding Data Structure and Algorithms, Problem Solving skills, Database Management System, Computer Organisation and Architecture, etc.

Ninja Entrepreneur

Coding Ninjas

March 2021 - October 2021 New Delhi

- Worked as a **Campus Ambassador** of Coding Ninjas - India's most reputed Coding Institute in VIT-Vellore.
- Participated in coding competitions organised by Coding Ninjas on CodeZen and CodeStudio.

PROJECTS

Get Summarized

Flipkart Grid 3.0

June 2021 - Present

- This project aims to help people by getting summarized text of huge paragraphs for quick overview. It uses extractive summarization technique on the input text by using multiple NLTK modules.

Hand Gesture Recognition using EMG Signal

Technical Answer for Real World Problems - Project

January 2021 - April 2021

- The objective is to develop better algorithms and upgrade existing methodologies by improving detection techniques. This is achieved by reducing the dimensionality of the dataset of EMG signals using PCA, LDA and applying various Machine Learning models to acquire accurate Hand gesture Recognition System.

Super Bowl Data Analysis

Self-Learning Project

March 2020 - June 2020

- Data Analysis is done on the dataset which contains last 50 years statistics of Super Bowl XXV tournament. The data has been taken from Super Bowl dataset from data.world

EDUCATION

B.Tech

Electronics and Communication Engineering

Vellore Institute of Technology, Vellore

July 2018 - Present CGPA : 9.0

Class XII - ISC

The Modern School, Lucknow

June 2017 86.25%

Class X - ICSE

The Modern School, Lucknow

June 2015 91.8%

SKILLS



COURSEWORK

- Data Structures and Algorithms -Edx
- Algorithmic Toolbox - Coursera
- Object- Oriented Programming - Udemy
- Web Development Bootcamp - Udemy
- Machine Learning A-Z in Python

POSITION OF RESPONSIBILITY

- Volunteered Idea-A-Thon, 2019 organised by School of Advanced Sciences at GraviTas - VIT
- Core Committee member of 5th Pillar-VIT
- Extra Curricular Activities at Youth Red Cross-VIT

ACHIEVEMENTS

- Secured a **Silver Medal Certification** in Data Structures and Algorithms using Python from NPTEL-IIT, Madras.
- Awarded a **Silver Level Certification** for the NASSCOM IOT-Domain Specialist (SSC/Q8210) assessment conforming to National Skill Qualifications Framework Level 8
- Secured a Gold Badge in 30 Days of Code organised by Hackerrank
- Participated in Infosys HackWithInfy | TCS CodeVita | Google CodeJam | **Flipkart Grid 3.0**

HOBBIES

