



RAJATH RAJENDRA PAI

BACHELOR'S IN COMPUTER SCIENCE & ENGINEERING

+91-9591230007

rajathpi

rajathpai2000@gmail.com

EDUCATION

- 2022** | **Bachelor of Engineering in Computer Science Engineering**
NMAM Institute of Technology
Grade Obtained: 7.4 CGPA
Major Courses: Data structures, Design & Analysis of Algorithms, Machine Learning, Artificial Intelligence
- 2018** | **Pre-University Exam**
Karnataka Pre-University Board
Marks Obtained: 84%
- 2016** | **Secondary School Leaving Certificate**
Karnataka Secondary Education Examination Board
Marks Obtained: 93.6%

ACADEMIC PROJECTS

Automatic Medical Report Generation from Radiology Chest X-Ray using Deep learning Strategy

Using CNN, the CheXNET model for feature extraction, LSTM, and RNN to build a predictive model that involves frontal and lateral chest Xray images and text processing to build a deep learning model.

FaceAntiSpoofing

Using CNN, the CheXNET model for feature extraction, LSTM, and RNN to build a predictive model that involves frontal and lateral chest Xray images and text processing to build a deep learning model.

AI Learns to Play Flappy Bird

Using neuroevolution of arguments topologies, trained an agent to play a clone of the game Flappy Bird. Both the game environment and AI are programmed using Python.

Health First App

An android app that contains detailed information on the food items, the health benefits, and the diseases that can be prevented by the consumption of the specific food item.

Space Shooter

OpenGL project on the Space Shooting game.

HONORS & ACHIEVEMENTS

- 2021** | Global Rank 1117 in Google Codejam 2021 Round 1 C and qualified to Round 2.
- 2020** | Global Rank 302 in Google Kickstart Round H.
Global Rank 30 in Codechef August Long Challenge.
Global Rank 37 in Codechef July Long Challenge.

WORKSHOPS, TRAINING, AND CERTIFICATION

Machine Learning with Google DSC

Attended Workshop on Machine Learning conducted by the Department of Computer Science Engineering, NMAM Institute of Technology in Association with Google DSC.

Android App Development

Attended Workshop on Android App Development conducted by the Department of Computer Science Engineering, NMAM Institute of Technology in Association with Google DSC.

Learn to Program in Java

Certified by edX in association with Microsoft.

Algorithms and Data Structures

Certified by edX in association with Microsoft.

AI For Everyone

Certified by Coursera in association with DeepLearning.AI.

CS229: Machine Learning

Completed the certified course offered by Stanford University.

Problem solving

Certified by Hackerrank on problem solving in Data Structures and Algorithms.

CO-CURRICULAR ACTIVITIES

International Blood and Plasma Donation Awareness Campaign

Organized a blood donation camp on 23rd March 2020. 140 people took part in the blood donation drive.

Code_Init

Conducted a workshop on Competitive programming under Association of Computer Engineers, NMAMIT, Nitte. Over 200 students participated in the event.

TECHNICAL SKILLS

Languages

C++, C, Python, Java

DBMS

MS SQL

Frameworks

Tensorflow, STL, Flutter

STRENGTHS

Philomath

Team Player

Articulate

Reliable & Consistent

HOBBIES



Photography



Drawing

REFERENCES

Dr. Sarika Hegde

Associate Professor,
Computer science and engineering,
NMAM Institute of Technology, Nitte, India.
Email Id: sarika.hegde@nitte.edu.in

Dr. Aravind C V

Associate Professor,
Computer science and engineering,
NMAM Institute of Technology, Nitte, India.
Email Id: aravinda.cv@nitte.edu.in