KAMAL KANT BHARADWAJ

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objective:To secure a position where I can efficiently contribute my skills and abilities to the growth of the organization and build my professional career.

EDUCATION

Bachelors of Technology (CS) ▸ INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KOTA | 7.9 CGPA — Aug 2019 - Pursuing

Class XII Board(CBSE) ▸ Arcadian Public School | 89% — Apr 2016 - Apr 2018

Class X Board(CBSE) ▸ Arcadian Public School | 10 CGPA — Apr 2014 - Apr 2016

PROFESSIONAL ENHANCEMENTS

Courses / Workshops / Seminars

- Microprocessor
- Programming and Data Structures.
- Discrete Mathematics
- Probability and Statistics
- Calculus
- Advance Graph Theory
- Data Base management System
- Networking
- Operating System
- Machine Learning with Python
- Advance Programming with JAVA
- Digital Circuit and Logic Design
- Web Development
- Linear Algebra

Awards

Stood amongst top 2% students in the Joint Entrance Examination, Conducted By NTA.

Secured a rank in the top 2% of all on Codechef.

PROJECTS

Sentiment Analysis of IMDB Movie Reviews

To predict the number of positive and negative reviews based on sentiments by using dierent classication models.

Powerful application of natural language processing (NLP) and finds usage in a large number of industries. It refers to the use of NLP, text analysis, computational linguistics, and biometrics to systematically identify, extract, quantify, and study different states and subjective information.

Automated detection of COVID-19 cases using deep neural networks with X-ray images

A deep learning model is proposed for the automatic diagnosis of COVID-19. The proposed model is developed to provide accurate diagnostics for binary classification (COVID vs. No-Findings) and multi-class classification (COVID vs. No-Findings vs. Pneumonia). Our model produced an average classification accuracy of 98.08% for binary classes and 87.02% for multi-class cases.

COVID-19: Face Mask Detector with OpenCV, Keras/TensorFlow, and Deep Learning

Detect COVID-19 face masks in images

Detect face masks in real-time video streams SKIL

Creating the Snapchat Filter System using Deep Learning

Convolutional Neural Network for feature extraction

Frontal Face Haar Cascade to crop out the region of the face.

Hybrid Electrical Vehicle Using Matlab Simulink

It can be configured for system-level tests or power quality analyses. Model variants for the electrical, battery, and vehicle dynamics systems can be selected using variant subsystems.

A battery model created with the Simscape language is incorporated into the model. Supervisory logic is implemented with Stateflow. This model can be configured for hardware-in-the-loop testing.

FireFly Algorithm Using Matlab

Firefly Algorithm (FA) is a metaheuristic algorithm for global optimization, which is inspired by flashing behavior of firefly insects. In the mathematical model, used inside Firefly Algorithm, simply the fireflies are unisex, and any firefly can attract other fireflies.

SKILLS (TECHNOLOGY / FUNCTIONAL)

C | C++ | HTML | CSS | Javascript | Python | Java | Matlab | Visual studio | Codelite | Digital Ocean | Eclipse | jupyter-notebook | Netbeans | Dev C++ | Competetive Coding | Machine Learning | Deep Learning | Reinforcement Learning | Data science

EXTRA-CURRICULAR

Volunteering	Working as a Member of Studentopedia NGO, Authorised by UP Government.
Interests	Competetive Coding, Hacking, Travelling, Playing, Reading.
Languages	Hindi English