



# DHANESH RAJU

BACHELOR OF ENGINEERING (ECE)

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## OBJECTIVE

- To become an enthusiastic Artificial Intelligence researcher seeking to deliver the state of art solution applying AI for the societal issue.
- Experienced in using algorithms and data analytics for projects during my tenure at college.
- Relevant skills include Machine learning, Data Science, and NLP.
- Aiming to emerge as a researcher to build and manage AI-related projects

## SKILLS

### Programming Skills

- C
- C++
- SQL
- Python

### Technical Skills

- Natural Language Processing
- Neural Network
- System design
- TensorFlow
- Django
- Computer Vision
- Web Scraping

## STRENGTH

- Critical thinking
- Multitasking
- Interpersonal skills
- Communication Skills
- Problem solving skills
- Teamwork
- Smart worker

## PROJECT USING AI/ML

- Face Detector
- Smile Detector
- Car's and Pedestrian's Tracker
- Virtual Voice Assistant
- Web Scraper called webGenics

## AREA OF INTEREST

- Artificial Intelligence
- Quantum Computing
- Python Programming
- Space-Studies

## PROJECT

- Robot sensing obstacles using Arduino:

An Obstacle avoiding robot is an autonomous mobile robot that avoids collision with unexpected obstacles. It is an Arduino-based robot that uses Ultrasonic range finder sensors to detect the impediments ahead and avoid collisions

- Electric Bicycle Using IoT

The evolved electric bicycles with advancements in assessing the durability of the parts like the tire, bearing, air pressure, battery life, and motor condition were transformed using IoT. The electric bicycle could also be located by using a GPS module from anywhere

- Enforcement in the Security of ATM PIN entry

This project's main objective is to enforce the security of ATM pin entry to prevent shoulder surfing attacks. In this proposed method a fingerprint sensor and random word generation are used for moving ATM from one-factor authentication into multifactor authentication.

## TO REACH ME

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## EDUCATIONAL QUALIFICATION

**B.E Electronics and Communication Engineering**  
**KPR Institute of Engineering and Technology,**  
**Coimbatore**

**2018-2022**

**CGPA:7.15**

**HSC**

**Reliance Matric Higher Sec School, Erode**

**2018**

**Percentage: 58.33%**

**SSLC**

**SSM Lakshmi Ammal Matric Higher Sec School, Erode**

**2016**

**Percentage:80.6%**

## INDUSTRIAL EXPOSURE

**Industrial Visit:**

- ITI, Bangalore
- Ace Components, Mysore

**Additional Courses:**

- **Arduino Programming**  
KPR Institute of Engineering and Technology,  
Coimbatore
- **Antenna Designing and PCB Fabrication**  
KPR Institute of Engineering and Technology,  
Coimbatore
- **C Programming**  
Manfree Technologies, Coimbatore
- **C++ Programming**  
Manfree Technologies, Coimbatore
- **Python Programming**  
(SQL, Tkinter, Random, Turtle, NumPy, Pandas)  
Manfree Technologies, Coimbatore

## HOBBIES

- listening to music
- Reading Books
- Spending time with nature
- Team or individual sports
- Cooking
- Yoga-completed youth empowerment program

## PUBLICATION

- “Enforcement in Security of ATM Pin Entry”, 3rd International Conference on Data Science, Machine Learning & Applications (ICDSMLA-2021).

## EXTRA CURRICULAR ACTIVITIES

- Workshop on Artificial intelligence
- Workshop on Ethical hacking
- Webinar on Deep learning-based android app malware
- Course on AWS fundamentals going cloud-native
- Course on Game development using Pygame
- Course on Data science math skills
- Course on Python 101 for data science
- Training in Artificial intelligence and Machine learning
- International FDP in Artificial intelligence and Data Science

## MEMBERSHIP

- Rotaract Club member at KPRIET
- Space Club member at KPRIET
- Toastmasters Club at KPRIET
- Yoga Club member at KPRIET
- Robotics Club at KPRIET

## REFERENCE

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