# DHANESH R

BACHELOR OF ENGINEERING

## 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-Basics
- C++-Basics
- Advanced-Python

**Technical Skills**
- Arduino
- Jetson Nano
- System design

## STRENGTH

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

## HOW TO REACH ME

Contact: +91 9087829679, +91 9994697824
Address: 1/46A KALICHIKADU PULIAMPATTI
PULLAKKAVUNDAMPATTI(Po) SANKARI(Tk) SALEM(Dt)
637104
Email: dhanesh8880@gmail.com
LinkedIn: https://www.linkedin.com/in/dhanesh-r-528a05211

## 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%

## 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.

## PUBLICATION

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

## AREA OF INTEREST

- **Artificial Intelligence**
- **Quantum Computing**
- **Python Programming**
- **Electrical circuits**

## INDUSTRIAL EXPOSURE

**Industrial Visit:**
- ITI, Bangalore
- Ace Components, Mysore

**Value Added Courses:**
- **Arduino Programming**
    KPR Institute of Engineering and Technology, Coimbatore
- **Antenna Designing and PCB Fabrication**
    KPR Institute of Engineering and Technology, Coimbatore

## HOBBIES

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

## EXTRA CURRICULAR ACTIVITIES

- **Workshop on Artificial intelligence**
- **Workshop on Ethical hacking**
- **Webinar on Deep learning-based android app malware**
- **Workshop on Novel polymer composites for mitigation**
- **Lecture on Sustainable agriculture by IGEN Nobel laureate**
- **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

**Dr. Kathirvelu M,**
**Professor & Head,**
**Department of Electronics and Communication Engineering,**
**KPR Institute of Engineering and Technology, Coimbatore,**
**Email: hod_ece@kpriet.ac.in**
**Phone: +91 9842386272**