



MAYANK KAILASH CHOURASIA

B.E. - Electronics & Telecommunication Engineering (E&TC) - MITAOE

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BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

To be a part of organization that will allow me to enhance my personal and professional Growth and to use my knowledge skills and potential in the best possible way to contribute the success of organization.

KEY EXPERTISE / SKILLS

Machine Learning IOT Python C C++ MATLAB Google Cloud Google Cloud Platform Cloud Teamwork
Team Management Leadership Research

EDUCATION

Savitribai Phule Pune University

2016 - 2020

B.E. - Electronics & Telecommunication Engineering (E&TC) - MITAOE | CGPA: 7.52 / 10.00

Smt Maherbanu College Of Science & Commerce Akola Maharashtra

2016

12th | MSBSHSE | Percentage: 66.15 / 100.00

Jubilee English High School Akola, Akola

2014

10th | MSBSHSE | Percentage: 82.60 / 100.00

AWARDS AND SCHOLARSHIPS

- Secure a first prize in Mathematics Competition in First Year in MITAOE
- Winner in National Entrepreneur Challenge by IIT Bombay
- First Associate Cloud Engineer Google Certified From MITAOE

INTERNSHIPS

REDx (Rethinking Engineering Design eXecution)

June 3, 2019 - June 30, 2019

Key Skills: MATLAB Machine Learning Artificial Intelligence Coding Hardware

The project was signed with REDx MITAOE, for Making a real time application for the hospital during Vari .The project will analyze the sound and reverse back the sound so that the reduction of noise will be less.

Indian Solar

June 20, 2018 - July 22, 2018

Key Skills:

Android Leadership Time Management Core Java chatbot service for customer installation of panel Communication

Making an android application for a solar-based company for the people to the complaint about the post and gives better service.Also, the installation of solar panels giving demonstration learned.Service for the customer.

PROJECTS

Speech Emotion Recognition

June 3, 2019

Key Skills: Machine Learning Neural Networks Tensorflow Python

Using Convolutional Neural Network to recognize emotion from the audio recording.
Loading audio data and converting it to MFCCs format can be easily done by the Python package librosa.

Noise reduction with AI & MATLAB.

March 4, 2019 - June 24, 2019

Mentor: Mr.Rushab Rambhia | Team Size: 3

Key Skills: MATLAB Machine Learning Artificial Intelligence Hardware

Reducing noise with sound" is the principle we are using in this project. Here, we are using MATLAB & Tensorflow specifically. Predict the coming wave with AI technologies, analyse the wave with MATLAB and revert back a wave for superimposing to cancel it out.

IOT for home automation

April 1, 2019 - April 29, 2019

Mentor: Mr.Mashesh Vibhute | Team Size: 2

Key Skills: Arduino Programming Hardware Google Assistant

Mushroom Classifications Using ML Algorithm

Feb. 4, 2019 - April 29, 2019

Mentor: Mrs.Smita Kulkarni | **Team Size:** 3

Key Skills: Machine Learning Python Data Analysis Artificial Intelligence

In these we are taking a data and comparing using two algorithms. Logistic and KNN (k nearest neighbour) for checking the accuracy of Algorithm.

Data-Analysis-Using-MATLAB

Nov. 1, 2018 - Dec. 10, 2018

Mentor: Mr.Mandar Nalvade | **Team Size:** 2

Key Skills: Machine Learning MATLAB Mathematics GUI Matlab APP

In these a csv file is uploaded on a GUI then by clicking which components we want in our coordinate axes is plotted. If you think code is lengthy its not we are making a app so every button or placing a new objects creates its call back and there we have to write a particular code there. It will plot different graphs. load comment is used for csv file.

Detecting a person and notification is send through email using Raseberry pi.

Sept. 10, 2018 - Oct. 1, 2018

Mentor: Mr.Amit Nagrale | **Team Size:** 4

Key Skills: Raspberry pi Coding Python Hardware Sensors

For a classroom it is design such that if a person goes inside the class the camera will capture the the photo of person and IR sensor will counts the person by using Rasberry Pi model.

Controlling car using Keypad

Feb. 5, 2018 - April 30, 2018

Mentor: Mr.Pramod Ganjewar | **Team Size:** 3

Key Skills: PIC18 Coding Hardware

To design an electromechanical system for cleaning the floor.
The very basic objective of the system is to develop an electromechanical carrier system which will clean the floor.
This system must eliminate the human errors, time losses to improve the overall performance with requirement of minimum space and maintenance.

ACHIEVEMENTS

- Secure a first prize in Idea Pitching Competition in IWD 2019 Pune
- Speaker at DevFest Nashik 19
- Speaker at LetsPY Pune
- Action Published on Google Assistant

ASSESSMENTS / CERTIFICATIONS

IBM Cognitive Certified in Python for Data Science

Key Skills: python

Python for Data Science basic of Machine learning Learnt.

AI From the Data Center to the Edge – An Optimized Path Using INTEL® Architecture

Key Skills: Machine Learning Artificial Intelligence

Cisco certificate crash course

Key Skills: Networking Packet Tracer

Packet Switching Techniques Learnt.

Google Cloud Platform Fundamentals: Core Infrastructure

Key Skills: Google Cloud Google Cloud Platform

The course designed to Understanding of Google Cloud

Certified course in C and C++ programming from SEED INFOTECH

Key Skills: C C++

Languages Learnt

Google Cloud Associate Cloud Engineer

Jan. 20, 2023

Key Skills: Google Cloud

An Associate Cloud Engineer deploys applications, monitors operations, and manages enterprise solutions. This individual is able to use Google Cloud Console and the command-line interface to perform common platform-based tasks to maintain one or more deployed solutions that leverage Google-managed or self-managed services on Google Cloud.

SEMINARS / TRAININGS / WORKSHOPS

Broadband Technician BSNL

Institute Name: BSNL

Key Skills: Networking technician

Installs or maintains cable, Internet and telephone services delivered to a client's home or business

AWS Community Day

Feb. 8, 2020 - Feb. 8, 2020

Institute Name: AWS Community User Group

Key Skills: AWS Cloud

GCP Essentials

Sept. 16, 2019 - Oct. 31, 2019

Institute Name: Google Cloud Qwiklabs

Key Skills: Google Cloud

GCP Essentials is the recommended first Quest for the Google Cloud learner—you will come in with little or no prior cloud knowledge, and come out with practical experience that you can apply to your first GCP project

CO-CURRICULAR ACTIVITIES

- Core Member and External affairs at TEDxMITAOE
- Letter of Recommendation by TEDxMITAOE
- Researcher at REDx AI Club MITAOE
- Core Member and Technology lead at Developer Student Club MITAOE
- Letter of Appreciation by MITAOE
- Hospitality Manager at E-cell MITAOE 2018-19
- Festalk MITAOE 2019 Initiative Core member under project Exhibition
- Operations at Google I/O18 Extended Alandi

EXTRA CURRICULAR ACTIVITIES

- Member of Google developer Group Pune and Women Techmaker.
- GirlsScript Pune Chapter Core Member
- Microsoft Student Partner 2019-20

PERSONAL INTERESTS / HOBBIES

- Riding Reading Blogs Technology Enthusiastic Cricket

WEB LINKS

- Github - <https://github.com/mayankchourasia>
- LinkedIn - <https://www.linkedin.com/in/mayank-chourasia-38421a134/>
- Twitter - <https://twitter.com/ChourasiaMayank>
- Facebook - <https://www.facebook.com/mayank.chourasia2>
- Other - <https://medium.com/@mayankchourasia2>

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried

Current Address: 103,Kulpvarksh Society,In front of SP College,Near Sharkhe HP Petrol Pump Near MITAOE,ALANDI(D) Pune, Near MITAOE,ALANDI(D) Pune, Pune, Maharashtra, India - 412105

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Date of Birth: Nov. 23, 1997

Known Languages: English Hindi Marathi

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