MOHIT GANDHI

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EDUCATION

Pimpri Chinchwad College of Engineering, Pune, India (Affiliated to Savitribai Phule Pune University)

Bachelor of Engineering in **Computer Engineering (**CGPA**: 9.34/10)** **June 2018 - May 2022**

- Relevant Courses- Advanced Data Structures, Web Technology, Theory of Computation, Software Engineering and Project Management, Systems Programming and Operation System, Data Analytics, Data Mining, Artificial Intelligence and Robotics.

PUBLICATIONS

Topical Survey on Computing Solutions for Plant Disease Classification using Deep Learning Techniques in *Advances in Image and Data Processing using VLSI Design* (***Accepted***) **May 2021**

Review of Deep Learning Models for Mask Detection and Medical Sensors for IoT based Health Care System in *IEEE International Conference on Computational Intelligence and Computing Applications-21* (***Accepted***) **Nov. 2021**

Portable IoT Device for Health Analysis and Management using Edge Computing in *Elsevier - Journal of Systems and Software* (***Under Review***) **Nov. 2021**

Parallel and Edge Computing Techniques for Computer Vision Models on Embedded Devices in *Springer- International conference on Emerging trends and Innovations in ICT (ICEI)* (***Under Review***) **Nov 2021**

WORK EXPERIENCE

Hamoye.com **Pune, India**
Data Science Intern **Aug 2021- Nov. 2021**

- Mastered various concepts like Python in Machine Learning, Regression, Classification, Image Recognition and Object Detection, Neural Networks, Data Analysis.
- Worked on capstone project "Global Prediction of Food Prices", "Stock Prediction of S&P 500" using regressive data analysis and training various Machine Learning models for better efficiency and results.

Persistent Systems **Pune, India**
Academic Intern **Jun. 2021- Aug. 2021**

- In-depth knowledge of computer science core subjects like Data Structure, Computer Architecture, Programming Languages(Python and C++), Databases, Computer Networks through live virtual training & its use in real-life problems

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PROJECTS

Stock Prediction of S&P 500 **Oct. 2021**
- It includes analyzing various stocks from the dataset to predict the rise and fall trend of S&P shares in the stock market.
- For better prediction of stock the dataset is trained against the LSTM model using sklearn and keras library.

Health Management System using Edge Computing **Jul. 2021 - Sep. 2021**
- Device to check if a person is wearing mask & has a healthy heart rate using M5Stack Core2, ESP32CAM, AWS IoT, Edge Impulse.
- 3D Printing and Circuit Design are used to build a complete prototype that is enclosed in a case and can be used in offices & schools.

ChatBot **March 2021**
- Chatbot that will understand what the user is talking about and give an appropriate response displayed in GUI using Tkinter.
- Dataset is preprocessed using Lemmatization technique and dataset is trained using SGD optimizer in Python language.

Peer-Code **Jul. 2020 - Aug. 2020**
- An Online Coding Question Solving Platform with Online Coding Compiler. Made using HTML/CSS, NodeJS, Firebase, ReactJS.
- It includes an online IDE for compiling and viewing code results online as well as a score system for each user as he solves questions.

SKILLS

Languages- C, C++, Python, JavaScript(React, ExpressJS)

Web-Technology- HTML, CSS, BootStrap,Wordpress **Databases-** Firebase, MySQL, MongoDB

Technologies- Machine Learning, React-Native, Figma**.**

ACHIEVEMENTS AND ACTIVITIES

HackMed UK Hackathon - Third Prize and Best Accessibility Hack as Bionics Hack Winner **April 2021**

HackAccessibility Hackathon -Won Donation prize of 200$(donated to charity) **April 2021**

AbradacabraHacks Hackathon - Second Prize **May 2021**

FinHacks Hackathon - Best Hardware Hack **March 2021**