BHAVYA JOSHI

POSTGRADUATE STUDENT

CONTACT

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CERTIFICATION

- Data Science
- Machine Learning
- Python
- MySQL

TECHNICAL SKILLS

- Python
- Machine Learning
- Data Science
- R Programming
- SQL
- Statistics
- HTML, CSS, JavaScript
- Flutter
- Firebase
- IOT

PUBLICATIONS AND COPYRIGHT

- "Traffic Management System using Image Processing" in IETE Publications.
- "IOT based Temperature Monitoring System" in IEEE Publication.
- "IOT based smart toilets and smart dustbins" in IEJRD Publications.
- "Arduino based home automation system" in JETIR Publications.
- Registered an Indian Copyright for Final Year Project.

PERSONAL SKILLS

- Creative spirit
- Reliable and professional
- Organized
- Time management
- Fast learner
- Motivated

CAREER OBJECTIVE

Proactive problem solver with excellent communication abilities and Master's degree in Data Science and Statistical Learning. I'm a highly organized and detail-oriented individual, who is eager to secure a challenging position that utilizes my previous experience, while allowing me the opportunity to grow professionally.

WORK EXPERIENCE

MACHINE LEARNING INTERN
iNeuron, India | June 2021-July 2021

- Used Machine Learning to create a model that successfully identifies which wafer (thin slice of semiconductor material) is faulty. Managed to increase the efficiency and saved time of production line.
- Algorithms: Random Forest, XGBoost

SOFTWARE DEVELOPER INTERN
Blue Eye Soft Corp, Greer SC USA | June 2020 - April 2021

- Managed to lead the team to develop Admin Feature for CovidProtect App created by the team. The feature tracks and monitors health status of Employees/Students of an organization.
- Integrated app with an IOT device to make a unique Contactless Temperature Monitoring System.
- Technologies: Raspberry pi, Python, Flutter, Firebase, Node.js

SOFTWARE DEVELOPER INTERN
GCV Life, Mumbai - India | Dec 2019 - Mar 2020

- Created a Deduplicator tool to remove similar and duplicate records from the database using Affine Gap Distance, Machine Learning.
- Algorithms: Regularized Logistic Regression, Hierarchical Clustering with centroid Linkage.

IOT STUDENT INTERN
SAKEC, Mumbai - India | Dec 2019 - Jan 2020

- Worked on a social impact project named "E-toilets". Built a working prototype of automated toilets that focused on cleanliness & hygiene.
- Technologies: Arduino UNO, Node MCU, GSM Module, RFID & sensors.

DATABASE MANAGEMENT INTERN
SAKEC, Mumbai - India | Nov 2018 - Jan 2019

- Developed a website to store and access information of mentees from database. It helps mentors to save time and find the required information to read, update, delete anywhere and at anytime.
- Technologies: SQL, HTML, CSS, PHP

EDUCATION

MSC. IN DATA SCIENCE AND STATISTICAL LEARNING
University of Limerick, Ireland | Sept 2021 - Aug 2022

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY
University of Mumbai, India | Aug 2017 - July 2021 | CGPA - 9/10