YASHIKHA **DHIMAN**

Assistant System Engineer

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A Machine learning enthusiast. Looking for a career change toward machine learning and data science. I hold skills in python programming language and machine learning concepts. I have been creating my own projects for this technology. I have been awarded the young researcher award for one of my papers.

EXPERIENCE

4TH OF MARCH 2021 – PRESENT
ASSISTANT SYSTEM ENGINEER, TATA CONSULTANCY SERVICES
Works in Angular framework to develop frontend for an eCommerce site. Here I have a good digital profile. Learned multiple backend technologies as well like APIC and Microservices. Received appreciation from team leaders and the customer as well. Got Awards for performance.

TRAININGS AND INTERNSHIPS

AUGUST, 2019
INTERN, EVRY PVT. LTD.
Project: 'Ebot_An Email Dispatcher' | **Python** | Csv Files | Outlook

MAY, 2019
TRAINEE, ONGC
Project: 'Type written Documents Recognition' | **TensorFlow** | **NLP** | Python |Data Analysis and Visualization

EDUCATION

2020
BACHELORS OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING), THDC-INSTITUTE OF HYDROPOWER ENGINEERING AND TECHNOLOGY
Uttarakhand Technical University | 73.24 percentage | First Division

2016
HIGHER SECONDARY CERTIFICATE, KENDRIYA VIDYALAYA
CBSE | 72.8 | Physics Chemistry and Mathematics with Computer Science

2014
SECONDARY SCHOOL CERTIFICATE, KENDRIYA VIDYALAYA
CBSE | 10 CGPA

PROJECTS

REMOTE SENSING IMAGE CLASSIFICATION' USING CONVOLUTIONAL NEURAL NETWORKS
Major Project | **CNN** | fast.ai library | **Python** | **Pixel Based Image Classification**

EMAIL CLASSIFICATION TOOL
Minor Project | **SVM** | Outlook | **Python**

PUBLICATIONS

RESEARCH PAPER (HTTPS://LINK.SPRINGER.COM/CHAPTER/10.1007/978-981-16-1740-9_6)
A COMPARATIVE STUDY OF SUPERVISED LEARNING TECHNIQUES FOR REMOTE SENSING IMAGE CLASSIFICATION
SoCTA2020 Conference | **Best Paper Award** | **Scopus Indexed** | **Springer**

CHAPTER (HTTPS://WWW.ROUTLEDGE.COM/DIGITAL-HEALTH-TRANSFORMATION-WITH-BLOCKCHAIN-AND-ARTIFICIAL-INTELLIGENCE/CHAKRABORTY/P/BOOK/9781032161181)
TAPPING THE BIG DATA ANALYTICS AND IOT IN THE PANDEMIC ERA
Routledge | CRC press | BHBA'21 | Book chapter | Approved | In progress

CHAPTER
EFFICIENT ANALYSIS IN HEALTHCARE DOMAIN USING MACHINE LEARNING
TCTH'21 | Book Chapter | Approved | In Progress

TECHNICAL SKILLS

- Angular, HTML, CSS, Typescript and JavaScript
- Python, R, Data Analysis and Visualization
- CNN and Machine Learning
- My SQL, Data Structures and Algorithms
- C, C++, OOPs and Core JAVA

PERSONAL SKILLS

- Listening and Understanding
- Punctual and Responsible
- Team Work and Communication
- Leadership
- Adaptability for new things

COURSES CERTIFICATIONS

- Participation certificate for 'Crack the Covid-19 crisis Hackathon' organized by IBM.
- 'Python 101 for Data Science' from Cognitive Class (An IBM initiative).
- 'Machine Learning with Python' from Cognitive Class (An IBM initiative).
- 'Node-RED: Basics to Bots' from Cognitive Class (An IBM initiative).
- Core JAVA from CMS IT Services.

ACTIVITIES

- Served in UDAAN at THDC-IHET.
- Decoration Head in AGAAZ 2k17 at THDC-IHET.
- Designated as school Head Girl and leader at Kendriya Vidyalaya.
- Three-year certification in classical Kathak Dance Form.

WEBINARS ATTENDED

- 'Industry 4.0: Role of AI and Data Sciences' by BPIT(IEEE).
- 'Dive into Artificial Intelligence' by THDC-IHET.

LANGUAGES

- Hindi
- English