RIMMON BHOSALE

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EDUCATION

Indian Institute of Technology, Palakkad   **July 2019 – Dec 2021**
MS by Research in Machine Learning   *CGPA 7.8*

Shivaji University   **Aug 2014 – May 2018**
Bachelor of Engineering in Computer Science   *Perc. 71%*

PROJECTS

XGB-EVM: Explainable Retina Disease Classification | *Explainable AI, Python, Tensorflow*   **August 2021**
- Winning solution for 'AI in Healthcare Hackathon' by DERBI foundation and SINE, IIT Bombay.
- Developed an ensemble of deep learning models for retina disease classification using fundus images.
- **Link:** https://github.com/mshik/XGB-EVM

xDet: AI based COVID-19 X-ray Diagnosis | *Deep Learning, Python, Tensorflow*   **July 2020**
- Built an end-to-end deep learning system for x-ray image classification.
- Developed a web-app interface to access the model from anywhere.
- **Link:** https://creds.iitpkd.ac.in/xdet

Social Media Analytics | *Topic Models, R, Java, MongoDB, MySQL*   **March 2018**
- Sponsored project by Atoconn System Labs, Mumbai.
- Performed analytics on social media data to extract user's topics of interest.

GUI based Music Player in Python | *Python, tkinter*   **March 2017**
- Developed a GUI based music player app using Python.
- Learnt a new programming language as a part of Mini-Project coursework.

TECHNICAL SKILLS

Languages: • Python • Java • R • C
Databases: • MongoDB • MySQL
Frameworks and Tools: • Tensorflow • PyTorch • OpenCV • Pandas • Numpy
Areas of Interest: • Causality • Explainable AI • Computer Vision • NLP • Data Science

ACHIEVEMENTS

Winner of 'AI in Healthcare Hackathon'   **August 2021**
DERBI Foundation, SINE IITB

Winner of 'J-Pro' and 'C-Pro' Programming Contest   **March 2018**
Techno Bharti 2K18

Winner of Java Programming Contest   **March 2018**
Technoutsav 2K18

Selected for University Merit Scholarship   **January 2017**
Shivaji University

POSITION OF RESPONSIBILITY

Student Member, Department Advisory Board   **May 2018 - Present**
D. Y. Patil College of Engineering and Technology, Kolhapur