Rohan Mandrekar

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https://github.com/rohanmandrekar/ | https://linkedin.com/in/rohanmandrekar/

TECHNICAL SKILLS
Programming Languages: Python, C++, C
Web/App Development: HTML, Bootstrap, CSS, Flutter
Backend Development: Flask, Django
Computer Vision & Machine Learning : Numpy, TensorFlow, Pytorch, Keras, Matplotlib

EDUCATION
The University of Texas at Arlington   Arlington, Texas
Master's in Computer Science with Specialization in AI   GPA: 3.83/4.0   Jan, 2021 − Dec, 2022
Notable Courses: Neural Networks, Machine Learning, Data Mining

Mukesh Patel School of Technology Management and Education   Mumbai, India
Bachelor of Technology in Computer Engineering   GPA: 2.78/4.0   Aug, 2016 − Apr, 2020
Notable Courses: Design and Analysis of Algorithms, Artificial Intelligence, Discrete Structures, Python, Java, C, C++, Android Development

WORK EXPERIENCE
The University of Texas at Arlington   Arlington, Texas
Graduate Teaching Assistant   Sep, 2021 − Present
- Proctored exams and assignments for 50+ students
- Solved subject related doubts for 50+ studens

The University of Texas at Arlington   Arlington, Texas
Device On-Boarding, Office of Information Technology   Jul, 2021 − Sep, 2021
- Singlehandedly automated encryption key upload process and reduced 12.9% weekly hours
- Set up remote management and encryption on 6+ new devices daily
- Guided 4 employees with software configuration and the encryption process
- Simplified the configuration process accelerating it by 4 times

CureAssist   Remote
Software Engineering Intern   Jun, 2020 − Aug, 2020
- Successfully built 2 Dialogflow based chatbots - covid self assessment, patient appointment booking
- Integrated chatbots with backend NodeJS based APIs and MongoDB db for seamless integration with CureAssist app

PROJECT WORK
Distracted Driver Detection *https://www.kaggle.com/rohanmandrekar/ml-project*
- Worked on the State Farm dataset to classify driver activity into one of 10 different classes of distracted action
- Created a CNN model
- Test accuracy of 99.20% was achieved

Skin Cancer Classification *http://rm-skin-cancer-detection.herokuapp.com/*
- Developed a web-app that classifies skin lesions into 7 categories of skin diseases, including cancerous and non-cancerous
- Designed CNN architecture from scratch
- Achieved a test accuracy of 96.01%

EXTRA CURRICULAR
Engineering Student Council - Executive Vice President   Jan, 2022 − Present
Google Developer Student Clubs - Event and Resource Manager   Sep, 2021 − Present
Engineering Student Council - Marketing Officer   Apr, 2021 − Jan, 2022

ACHIEVEMENTS
Deep Learning Nano Degree   May, 2020 − Jun, 2020
- https://graduation.udacity.com/confirm/CJLNKPNP/