Rohan Mandrekar

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TECHNICAL SKILLS
Programming Languages: Python, C++, C, HTML
Libraries and Tools: Flask, Numpy, TensorFlow, Pytorch, Keras, Matplotlib

EDUCATION
The University of Texas at Arlington   Arlington, Texas
Master's in Computer Science with Specialization in AI   GPA: 3.67/4.0   Dec-2022
Notable Courses: Neural Networks, Machine Learning, Data Mining

WORK EXPERIENCE
The University of Texas at Arlington   Arlington, Texas
Device On-Boarding, Office of Information Technology   Jul, 2021 − Present
- Singlehandedly automated encryption key upload process and reduced 12.9% weekly hours
- Set up remote management and encryption on all new devices.

The University of Texas at Arlington   Arlington, Texas
Lab Assistant, Office of Information Technology   Apr, 2021 − Jul, 2021
- Assisted clients and resolved technical issues
- Helped set up IMacs and PCs in 3 labs
- Upgraded PC hardware of 100+ computers in 3 labs

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
Skin Cancer Classification *http://rm-skin-cancer-detection.herokuapp.com/*   Apr, 2021 − May, 2021
- A web-app where you click and upload a picture of a skin lesion and get it classified into one of seven categories of skin diseases (cancerous and non-cancerous).
- Validation accuracy of 98.61% achieved.

Image Caption Generation   Aug, 2019 − Mar, 2020
- Generated an app that precisely describes waht is going on in an image.
- Created using Inception V-3 and Bi-Directional LSTM

EXTRA CURRICULAR
Google Developer Student Clubs - Event and Resource Manager   Sep, 2021 − present
Engineering Student Council - Marketing Officer   Apr, 2021 − present

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