

## 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**

*Master's in Computer Science with Specialization in AI*

GPA: 3.67/4.0

Arlington, Texas

Dec-2022

### WORK EXPERIENCE

**The University of Texas at Arlington**

*Device On-Boarding, Office of Information Technology*

Arlington, Texas

July, 2021 – Present

- Singlehandedly automated encryption key upload process saving 12.9% weekly hours
- Responsible for setting up remote management and encryption on all new devices.

**The University of Texas at Arlington**

*Lab Assistant, Office of Information Technology*

Arlington, Texas

Apr, 2021 – Jul, 2021

- Responsible to assist students to solve technical issues
- Helped set up IMacs and PCs in 3 labs
- Upgraded PC hardware of 100+ computers in 3 labs

**CureAssist**

*Software Engineer*

Remote

Jun, 2020 – Dec, 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 what 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/>