

## **Skin Disease Image Recognition Using CNNs:**

<https://www.kaggle.com/shubhamgoel27/dermnet>

Using CNNs I plan to create a predictive model to recognize one of 22 skin conditions that make up the dataset.

## **Algorithmic Trading Bot for Bitcoin Options:**

<https://finance.yahoo.com/quote/ETH-USD>

I plan to build a DNN algorithmic trading bot for Ethereum. I plan to pull the data directly from Yahoo Finance using the pandas\_datareader function.

## **Time Series Analysis using DNNs for Bitcoin Price Prediction:**

<https://www.kaggle.com/datasets/prasoonkottarathil/btcinUSD?select=BTC-2017min.csv>

Data is broken down into price per minute from 2017 to 2022 March 1st or hourly and daily from 2018 to 2021 March 1st. I plan to model out to two years past the next halving event.