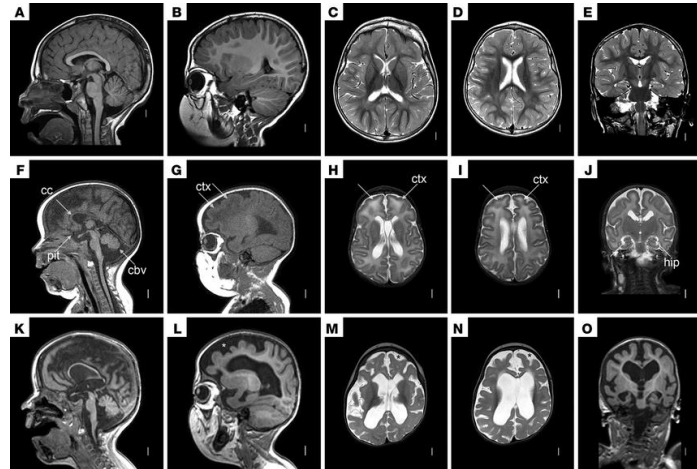# REU Project: Machine Learning For Medical Imaging

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https://www.medicalnewstoday.com/articles/146309

Proposed Plan:

- ☐ Obtain MRI data

- ☐ Use a convolutional neural network to classify different ailments

- ☐ Neural network will give output in the form of a diagnosis

- ☐ Model will be evaluated and adjusted until accuracy is maximized

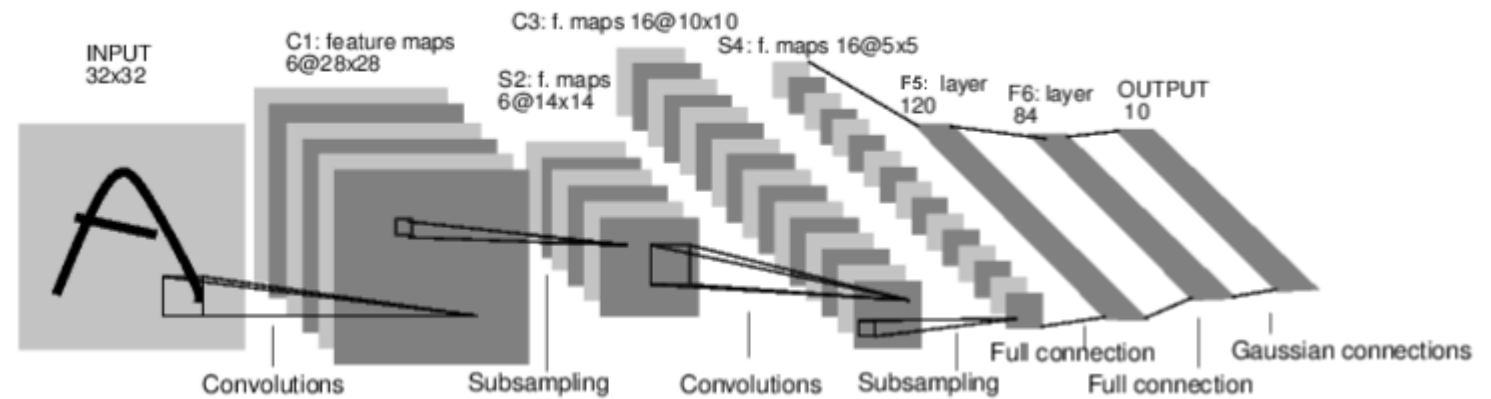https://www.researchgate.net/figure/MRI-scan-images-of-patient-NM720-Brain-MRI-in-a-normal-3-year-old-child-A-E-and-in_fig1_236977480

https://pytorch.org/tutorials/beginner/blitz/neural_networks_tutorial.html

Sensor Signal and Information Processing Center
http://sensip.asu.edu