Pneumonia Detection in Chest X-Rays
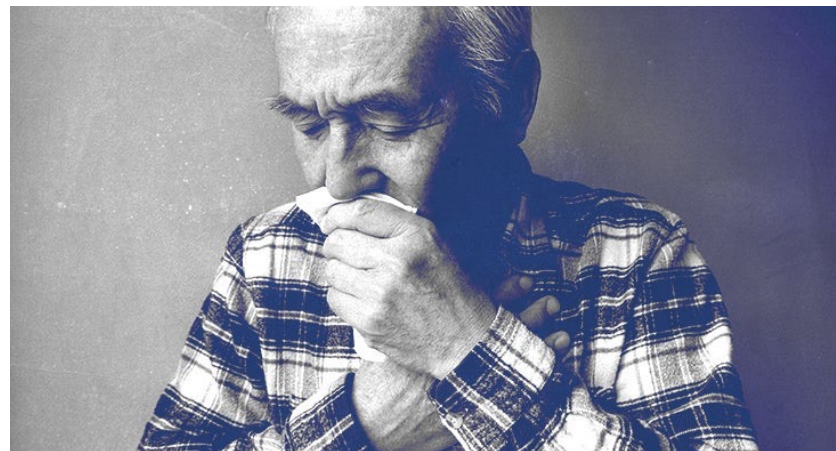
Kacey Clougher, Rachel Goldstein, Irwin Lam, & Kendall McNeil

October 27, 2023
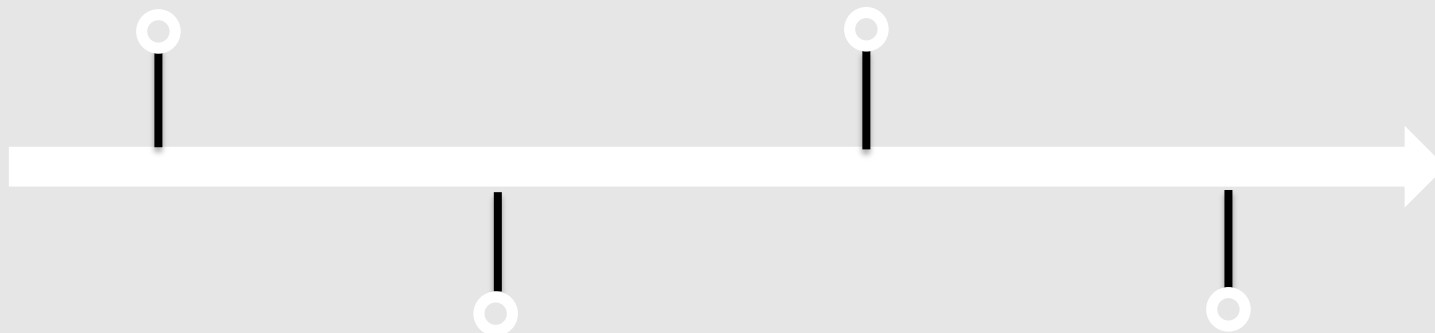
Normal   Bacterial Pneumonia   Viral Pneumonia

Model Timeline

+ Normalization

+ Regularization

First Simple Model

+ Relu

+Layers

+ Image Generation

Image Generation

Conv2D   MaxPooling2D   BatchNormalization   Dropout   Flatten   Dense
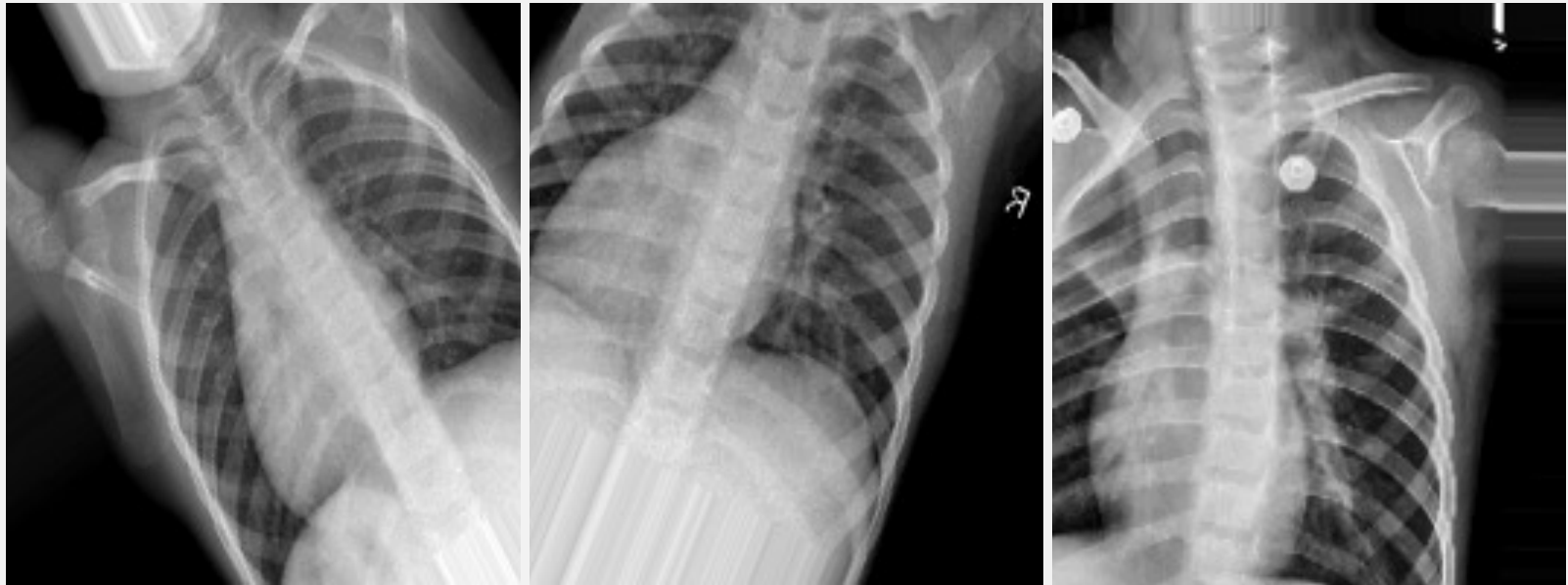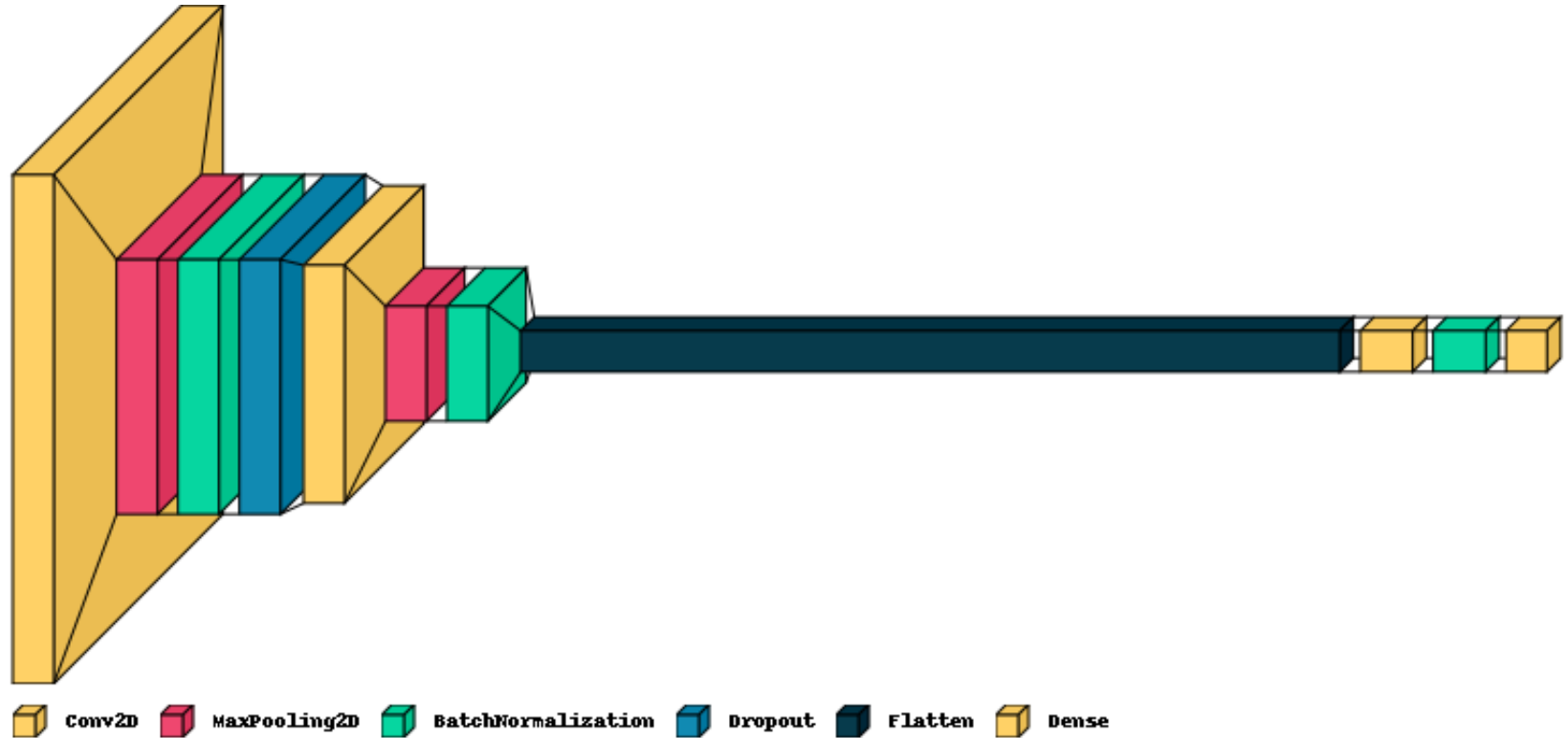
Accuracy

- **Train:** 88%
- **Test:** 90%
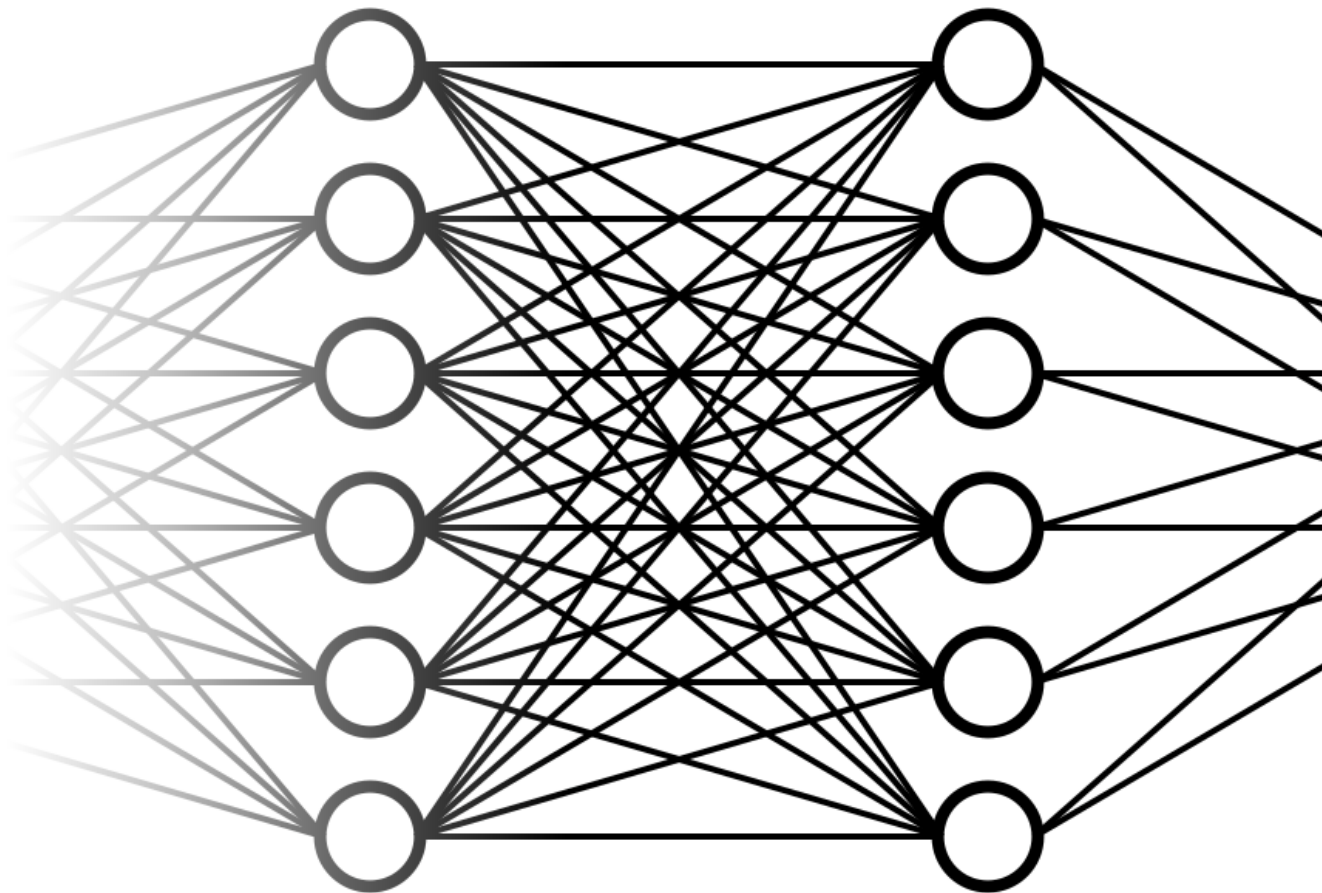
Next Steps

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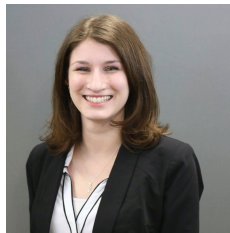
Rachel Goldstein
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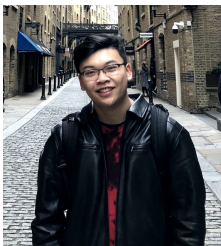
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Project GitHub