**Model Notes**

Jashua Luna

A log of different network models, and notes concerning them.

Version 1

August 19, 2021

Graphical user interface, text, application

Description automatically generated

5:12 pm

Has not yet been tested.

Is a direct port of the matlab model from the project notes.

Version 1.1

August 22, 2021

Graphical user interface, text, application

Description automatically generated

Trained for 60 epochs with 32000 samples, learning rate = 1e-3. Loss = 0.0078

Version 1.1.1

August 27, 2021

Graphical user interface, text

Description automatically generated

WindowSize = 360\*

Corrected output size of final dense layer to match expected output shape.

Version 2

August 28, 2021

Graphical user interface, text, application

Description automatically generated

Revision: Input dimensions should be [ batch size, timesteps, channels] , last dense should output 1 channel

Graphical user interface, text, application

Description automatically generated

Version 3 (WIP)

August 29, 2021

Graphical user interface, text, application

Description automatically generated