**EE 456 - Introduction to Neural Networks**

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**Homework 1 –** **Design a de-glitching module for the following input.**

***Input bits: 0 0 1 0 0***

**A screenshot of a cell phone

Description automatically generated**

If Input is 0 0 1 0 0, then total input = (0\*-1) + (0\*-1) + (0\*-1) + (0\*-1) = 0, which is less than 0.5

So, Y2 = 0

Therefore the error will be fixed since we create a feedback loop to the respective input.