Angrist 23 (Tire) August 25 (Wed) First Day of the Class Note: 1. The bedwelve will be pooled on 1. Organizational meeting to the githmb. "Green sheet" Zo Zoom Recording will be posted on the Repo: github/Analili/Openiu/deep-tearning-zozzs/ the github. E-mil: hua. L; @ Sjsk.edu Homework: By A Week from today . . Anacorda Installation; Z. OpenCV Installation. Submission (650) 400-1116 Cellphone for On CANVAS. Try/Prog Image -> pdf -> Zip > PMC. Text message Only. Office Hours: M.W. On Zoom. Example: (github: 2022F-103-) (see Syllabus for the MNIST Architecture for Handwhilten Digits Zoom Link). Tetogrition.

Single Channel

years saley I mange

There There To To X 28 X I

(m-1, 1, 1-1)

A Point Rouge

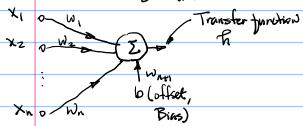
Col. No. of Rouge Singlechannel Recognition. Z StHWAVE Tooks: Ana Gonda — Install 17 By the end of this week; Tensor Flow, TF ZO Open C.V. Graysale image - 1 Channel - 28 bit -3. Piercynoites: CMPE255 & CMPG257 First Layer of the MillEST Architecture Homework: To upload a Copy of MI Channel Plane of the 1st Convolution layer YOUR UN-Official Transcript to Show the regnized Courses satisfied. Next, Pooling -> Reduction of Resolution -> ZXZ becaus OH CANVAS. 4. Textbrok. Deep Learning with Python. Keras (ATI) for T.F. Robot Vision Book By Horn Heavy Theoedical From the Auchitecture diagram:

(FF)

CIMI -> CZMZ->Flatter-> FFNN Book, Good Reference for Open W Algorithms. Good Theoretical Foundations) 5 Projects Mandatry Assigned Project To generalize the quick inspection of the the CNUS, we have to investigate the Behavior (Mandatory) of Each Single Nerrow as the Bosic Building 4-Person Team. Tresentation By the

Block.

End of the Semester.



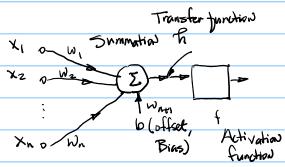
Input (Excitation in Vector Form: X=(x,xz, ,, xn) ... U)

Weights, links each excitation to the Nemon

X, W, + Xzwz+, ... + XiWit ... + X, W, + bw, n= &

$$\sum_{i=1}^{N} X_{i} W_{i} + b W_{n+1} = \mathcal{R}(X_{i} W_{i}) \text{ or } Simply \mathcal{R}(\underline{X}W)$$

f(IW;6), f(I,W)



$$f(f(xy)) = f\left(\sum_{i=1}^{n} x_i w_{i+1} + bw_{n+1}\right) \dots (4)$$

$$f(xw) = \sum_{i=1}^{n} x_i w_{i+1} + bw_{n+1}$$

Examples of Different Activation functions include RELU A riesewise Linear

Note: Be Able to Build A Single Nervon per a technical Specification, Such as NOIL, Activation f(,), Draw a Block

diagram.