Years of experience: 2.5 Years

Skill-set: C/C++, CUDA, Python, Java, PowerBi, MySQL

Projects:

- Developed AI kernals using CUDA, C and C++

- Implemented in GPU parallel CUDA language algorithm for forward propagation and backward propagation of Dense layer, Batch Normalization layer.

- Implemented in GPU parallel CUDA language algorithm for neural network optimization technique with stocastic gradient descent, Adagrad, Adadelta, ADAM, Rmsprop

- Implemented in GPU parallel CUDA language algorithm for loss calculation with mean\_squared\_error, categorial\_cross\_entropy, binary cross entropy.

- Projects in convolutional AI models using tensorflow for lung infection detection, license plate identificaion.

- Projects in Recurrent AI models using tensorflow for text generation, and review classification, and language translation (english to spnish).

1. DFT

2. FFT

3. cooleytukey algo

4. rADIX 2 ALGO

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curl -O https://repo.anaconda.com/archive/Anaconda3-2023.09-0-Linux-x86\_64.sh

fftw -cpu

cufft -gpu