DL-LAB

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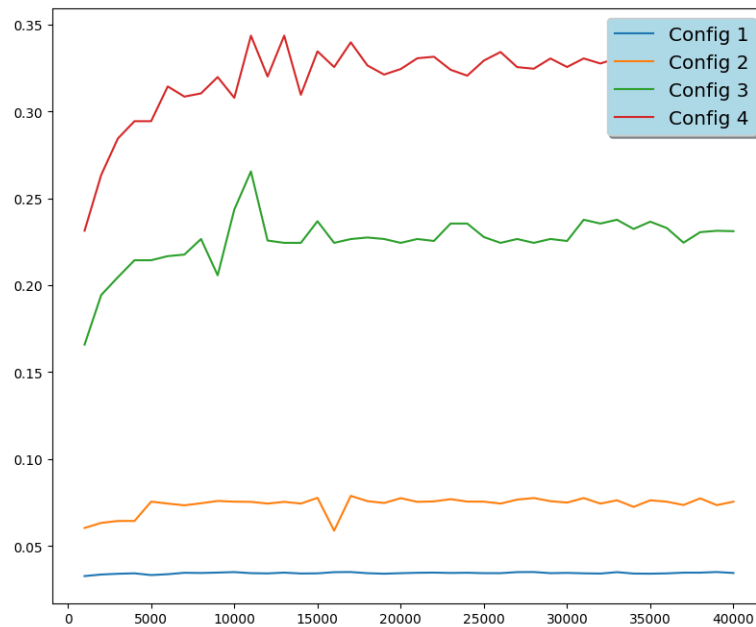
1 Introduction

This is a brief handout for the third lesson of the Deep Learning Lab. I will briefly explain what I did.

2 max values

Conf	maxvalue
1	0.0349879832
2	0.07872429879
3	0.2654446692592
4	0.343543573038035

plot if iou-txt

Task 4

Once realied which function we should use (which took ma almost a day) it was pretty intuitive - following the steps mentioned in the definition net file. Regarding the plot you can easy see the advantages of configuration 4: haven way better accuracy. Going from configuration 1 to 4 we get more and more complex and use skip connection and refinement which leads to a better accuracy. The first doesn't even use skip connection which makes good IoT-score impossible. Avoiding vanishing gradient - better accuracy.

Working on the pool computer i had a problem with the quota so it was impossible to render the checkpoints. I needed use the nemo cluster. Some other students told me there was an list so that you get more quota and I would like to have more quota as well :)