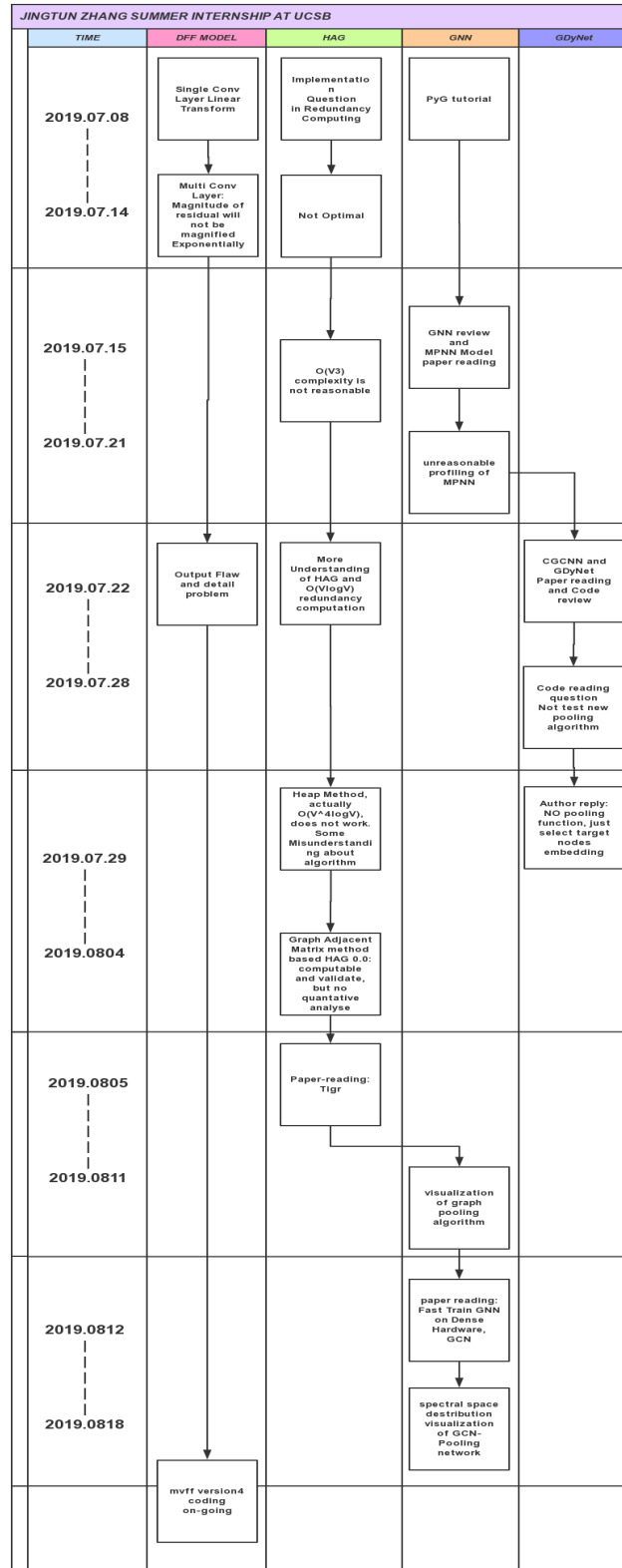


Weekly Report 2019.09.02-2019.09.08

Jingtun ZHANG

WHERE WE ARE:



JINGTUN ZHANG SUMMER INTERNSHIP AT UCSB					
TIME	DFF MODEL	HAG	GNN	GDyNet	Quantum
2019.08.19 ----- 2019.08.25	<div>Coding and Debugging of MVFF-ObjectDetection-Version3</div> <div>Paper-reading: DMC-Net MVFF-Version4 in coding</div>				
2019.08.26 ----- 2019.09.01	<div>MVFF-Version3 result: MAP@0.5 on 2 gpu 3 epoch: 0.6163, modification of Version3 is running now</div> <div>Residual getting from Data set for preparation MVFF-Version4</div>				
2019.09.02 ----- 2019.09.08	<div>MVFF-Version4 in coding</div> <div>Version4-without optical flow guidance: MAP@5 = 0.5091</div> <div>Modified Version3 with Pooling-Version2 res-connection: MAP@5 = 0.5984</div> <div>Optical flow extracting</div>				<div>Quantum Programming reading and QCEngine program learning</div> <div>Paper review of A Modern Survey of Quantum Programming Languages and Frameworks</div>

Work and Progress

2. 😞 Result of Modified MVFF-Version3: MAP@5 = 0.5984 lower than MVFF-Version2

Discuss:

1. 16x16 Pooling-Version2 maybe not good, replaced by BilinearResize, running now

3. ✂ : Data Preparation for V4: extracting TLV1-flow from dataset (need more than one week)
4. 😞 Result of MVFF-Version4-without optical flow guidance: MAP@5 = 0.5091
5. 📖 Learnning of Quantum Programming: Reading 《Programming Quantum Computers: Essential Algorithms and Code Samples》 and learnning QCEngine program
6. 📄 Paper reviewing of 《A Modern Survey of Quantum Programming Languages and Frameworks》 : in writing

This week plan

1. paper reading for idea:
 1. Quantum Computing
 2. Compare motion vector with flow: get a quantitative difference viewing
 3. Little step MVFF: step-performance curve
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