Weekly Summary

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This week, I mainly focus on some caffe experiments on WHOI-Plankton database(training data is the data collected in 2013, and deleted class mix and other four classes; Testing data is the data collected in 2014, also deleted class mix and other four classes). The classification overall accuracy of 3 channel AlexNet is 0.8804 while the overall accuracy of single channel of AlexNet trained on original images is 0.8751, the result is not ideal. And next week I will keep on doing more experiments on caffe.

Besides, I also finished Bilateral Filter on class mix of 2013 and 2014. Next week, I will trained the whole 2013 images as training database and the whole 2014 as testing database.

This week, I didn't do many experiments. I wastes lots of time on doing homework of DIP, PR and my elective course.