Weekly Report

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1 Progress

- Implement LSTM-CNN Ensemble method[1]

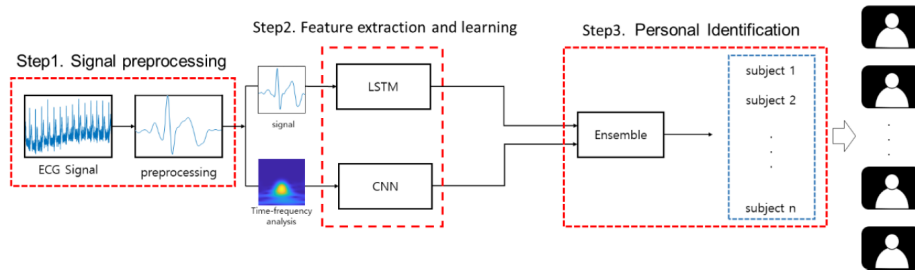   - I'm still implementing LSTM and CNN based on the paper, and it worked for the sample data.

Figure 1: LSTM-CNN Ensemble method

2 Next Plan

- Evaluate LSTM-CNN Ensemble method on 30-subjects dataset.

References

[1] Lee, Jin-A., and Keun-Chang Kwak. "Personal Identification Using an Ensemble Approach of 1D-LSTM and 2D-CNN with Electrocardiogram Signals." Applied Sciences 12.5 2022: 2692.