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| **Section:** | *AL2* |

**ECE 408/CS483 Milestone 1 Report**

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| 1. Show output of rai running Mini-DNN on the CPU (CPU convolution implemented) for batch size of 1k images. This can either be a screen capture or a text copy of the running output. Please do not show the build output. (The running output should be everything including and after the line "*Loading fashion-mnist data...Done*"). |
| <http://s3.amazonaws.com/files.rai-project.com/userdata/build-6168b2435876a2028efbbd13.tar.gz> |
| 1. List Op Times (CPU convolution implemented), whole program execution time, and accuracy for batch size of 1k images. |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Batch Size | Op Time 1 | Op Time 2 | Total Execution Time | Accuracy | | 1000 | 8608.12 ms | 25755.5 ms | 1m24.142s | 0.886 | |
| 1. Show percentage of total execution time of your program spent in your forward pass function with ‘gprof’. This can either be a screen capture or a text copy of gprof output. You should only include the line that includes your CPU forward pass function *‘conv\_forward\_cpu’,* so please do not give more than this line. |
| 84.55% |