CSE 520 Computer Architecture -- Spring 2019
Programming Assignment 4
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List of CPU/GPU models in the system in which the experiment was performed:

- Intel(R) Core™ i7-6700 CPU @ 3.40GHz
- Intel(R) Gen9 HD Graphics NEO

Output Screenshot:

Table of Measured Execution Times:

Matrix Size	Reference C implementation (single thread)	OpenCL on CPU			OpenCL on GPU		
		Normal Kernel	Tliled Kernel (tile_size=8)	Tliled Kernel (tile_size=16)	Normal Kernel	Tliled Kernel (tile_size=8)	Tliled Kernel (tile_size=16)
512*512	0.804863	0.0122901	0.0195486	0.0204007	0.0104446	0.0116232	0.018706
1024*1024	6.6319	0.112963	0.164948	0.149431	0.085382	0.0939795	0.151871
2048*2048	195.998	3.96307	2.3633	1.42496	0.9072140	0.749906	1.2206