O	Windows 10 or 11
C	Intel 11th or 12th Generation i5 or i7 CPU AMD Ryzen 5 or 7 5000 Series CPU
	32 – 64 GB
	Integrated Video Note: Some courses may require a Graphics Processing Unit (GPU) for computation intensive applications. See Page 2 for more information.
D	1 TB NVME or SSD (Note: HDD will result in slower performance)

Add N e G U

A Graphical Processing Unit (abbreviated GPU) is a special device in a computer that is typically dedicated to computing graphical data/instructions (though it may be used for other applications). This enables the Central Processing Unit(CPU) to process non-graphical instructions much more quickly.   This is essential for applications such as d

a a ag g , gc d e , g c e e , and f e e. e dg œ e

For more information on GPUs, please visit the following link: https://docs.nvidia.com/cuda/cuda-c-programming-guide/index.html#compute-capabilities

Some of courses may require a dedicated GPU to complete coursework.   Any students interested in the applications mentioned above should consider a device with a dedicated GPU.

For students interested in the computational power a GPU can provide and its usage for anything related to graphics processing and more complex operations, see below.

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