

Recommendations for Technology for CSCI Courses:

NO MACS. While they can do development, Apple has really pushed to not only phase out the Mac line of computers, then environment is getting more and more restrictive. Also, with the change to the M-series processors, compatibility with other development platforms is not where it needs to be.

Processor: While you can get away with the budget models for very beginning computer science projects, the extra processing power will be appreciated when you reach upper division courses. Both AMD or Intel are fine.

RAM: 16GB+ More RAM is always better, but 16GB at the very least. Development environments are more robust and memory hungry these days, and a little extra room helps.

Storage: 1TB SSD. More is better, but 1TB is a fair amount to start working in.

GPU (Graphics): NVIDIA card of some kind. AMD and Intel both have great options, but their libraries for GPU processing aren't as powerful.

Laptop vs. Desktop – Make sure any laptop you get can use a USB-C dock. Desktops are preferable, but laptops are doable for most courses.

Manufacturers: Gateway, Gaming laptops, some Lenovo brands with memory recommendations used above. Dell is okay, but the ones listed above will suit you better.