



Software Engineering Bootcamp

Computer Specifications

Note that Netbooks, Chromebooks, thin clients, iPads, and tablets are not permitted for use in class because they are not compatible with all the required technologies.

It is essential to have a laptop or desktop computer that meets at least the minimum specifications below to participate in class.

	 Recommended Specifications	 Minimum Requirements
Operating System	Latest version of macOS or fully updated Windows 10 or 11	macOS Big Sur 11.7.10 (or newer) or Windows 10 or 11
Processor	Quad-core Intel i7, AMD 5000+ processor (CPU) or Apple M1/M2 (or better)	Quad-core Intel i5 9th gen, AMD 3000 processor (CPU), or Apple silicon
Memory	32 GB RAM (for non Apple M1/M2 computers) 16 GB RAM (for Apple M1/M2 computers)	16 GB RAM (for non-Apple silicon computers) 8 GB RAM (for Apple silicon computers)
Drive	512 GB+ solid state drive (SSD) with at least 100 GB free <i>SSDs may also be labeled as NVMe</i>	250 GB solid state hard drive (SSD) with at least 50 GB free <i>SSDs may also be labeled as NVMe</i>
Features	Webcam Microphone 13" screen or larger	Webcam Microphone 13" screen
Software	Updated Google Chrome browser	Updated Google Chrome browser
Internet Access	Stable connection with at least 20 Mbps upload and 10 Mbps download	Stable connection with at least 10 Mbps upload and 3 Mbps download

If you plan to acquire a new computer for the bootcamp, **Apple computers running the macOS operating system are highly recommended for Web Development.** While macOS and Windows are both used by professional Software Engineers, we have found that macOS offers the best technical compatibility and learning environment for web development. Windows computers are supported in the bootcamp, but more complex machine setup is required.

Helpful Additions

External monitor (most helpful)
External mouse
External keyboard
External headset