## **Computer Security Lessons: Virus, Privacy, Maintenance, Configurations, Education, Information Services**

## AAWISDOM Information Security Services (<u>www.aaw.link</u>) by Christopher McGrath:

Computers are undeniable essential tools, even for a carpenter or construction labor worker. Most people live in denial to equip themselves with computer security education. Knowledge for maintaining, securing, and guarding computers in user level (non-software-engineer) is indispensable. Otherwise, hard life is imminent from slow, infected computer. Buying a new computer causes loss in data, time, and money, but it doesn't solve the problem. You would be buying a new computer almost every month... Learning to keep your computer for long-term usage is the only way to go. Computers need regular tune up. For most people, when problems happen, it's too late to rescue it. In addition, most people are using computers and internet with wide-open privacy settings. With this realization, I now teach people how to "tune up" their own computers instead of rescuing when they have viruses, malware, spyware, ransomware, slowness, and other problems. Sign up for this valuable one-on-one course, even if your computer is not problematics or slow, and be worry free. Many corporate employees in business world, and even so-called programmers and software engineers should learn these. This interactive course will have several sessions with firm objectives in addition to your computer's situation, and the questions to answer. Rescuing problematic, infected, OS damaged computers is truly valuable rare knowledge/skills. Most computer shops and phony IT technicians merely reinstall the OS and give you a reformatted HDD with all lost data.

Maintenance Tools- I will install free software tools and make professional configurations on them, do the cleanups, and teach you how to use them regularly by yourself. There are about six tools and many configuration tasks to perform, beyond the scope to describe here--not for non-technical people.

Privacy, Bloatware, Security Checks- Windows and many computers are wide open with privacy settings, and infested with bloatware (even in brand-new, out-of-box state). Users never realized how to configure in many areas, uninstall the bad bloatware, and maintain the security tasks. Millions of people are victims on these issues. For the people who want to go even deeper with security and privacy, I teach techniques and tools for untraceable browsing and emailing, ip hiding, firewall configurations, etc.

Anti-virus Scams- How to use anti-virus, which anti-virus to use and maintenance are critical topics. Paying for expensive name brand but be oblivious is wrong. Many users' computers are infected even with expensive anti-virus installed. Education for anti-virus is necessary.

GPU Maintenance- GPUs nowadays act as if sub-operating systems. They cannot be neglected for driver updates, configuration for optimize/fastest settings, and other advanced (optional) topics like over-clocking will be covered.

HDD Maintenance- hard drives have limited life span. It also needs constant maintenance in many areas. The operating systems aren't smart enough to perform all required tasks. Keywords: life check, free up, partition management, etc.

OS Update and OS Upgrade- Operating systems need constant updates. Whenever an update performs in automation, the user needs to do a cleanup or the computer will slow down. Many of the Operating systems version can be and should be upgraded when possible too.

BIOS and Firmware- BIOS, firmware, and other BIOS driver updates are essentials for many computers to keep functioning smoothly. Some computers have trouble booting, and crashing problems because of neglected updates in these areas. Updating these aren't simple tasks...

Hardware Checks- Some computers are running on inadequate hardware, such as CPU, RAM, GPU, HDD, PSU, and network speed. There will be audits for them and recommendations will be made.

System Restore and Imaging- System restore disc space, point managements, and on/off checkup are areas most user don't pay attention to. The default operating system management on this area will slow the computer down tremendously.

Virtual Memory Management- user can speed up the computer tremendously instead of leaving this to OS manage this.

Power vs Performance Settings- computers nowadays are set purposely to run slower to save power usage. These settings must be reconfigured to have the computer running at the fastest.

Advanced Topics- the following areas may require the computer physically in person. For most people in normal circumstances, they do not need them, but those who want/need to, these topics will be covered in extended sessions. CMOS reset, memory freeing, static electricity reset, hardware upgrades, Windows version update, boot to safe mode, and hard drive cloning/imaging for backup are some example topics.

Smart Phone support via PC- Smart phone educations for similar topics above are also available.

For configuring computers to desired custom settings, whether stand-alone or client-server network control in corporate or small business settings, please contact for details.

**AAWISDOM.com's mission** is to educate people to achieve true freedom. I am one person to get all your problems resolved, answer all your questions and clear confusions. I know readings, watching videos, and talking to unfriendly incapable people do not work.

<u>Minimal Requirements</u>: Reliable fast computer and internet connection, some free time and comfortable to afford service fees, and some basic computer skills, and email address. **15 minutes free trial/intro session available via Skype.** In person meeting available for those who will come to my home office.

Christopher McGrath is a professional scholar offering services in software engineering, academics, and other science and engineering services.

SUNY Polytechnic Institute, Utica, NY Master of Science, Computer Science, May 2004 GPA. 3.1, Dean's List

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About me: <u>https://aaw.link/</u> Detail works I have done and my capabilities are too large to summarize. I have professional experiences in academia, corporate, and business world. Recommendations: <u>https://aaw.link/about.html</u>

PRICES: \$30/hr (\$60 minimum per session for 2 hrs).



Preferred office ph (call only, no text): 716 240 7786, Best time to call: 11am--10pm. Text: 716 903 1814 (voice call needed soon to start service). Email: <u>mcgrath\_ch@hotmail.com</u>. Please email with your first name, last name, phone number included, and best time to call you.