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 _____
//⎺⎺\\ 09/08/22 | Developing a (GUI/Graphical User Interface) with style | https://youtu.be/z6_GeVYbcC4 //⎺⎺\\___
\\__//⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺\\__//⎺⎺\\
//⎺⎺\\__[ Michael C. Cook Sr. | Network Information System Security Engineer | DevOPS Engineer  ]_____//⎺⎺\\__//
|\__//⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺  ||==||
|/⎺⎺⎺    CompTIA A+/Network+/Security+ | Cisco CCNA/CNAP | Microsoft Certified Professional/MCDST/MCSA/MCSE   ⎺⎺⎺\|
|\       Associate Degree in Information Technology (Drafting & Design/Multimedia) | Portfolio Award/CRCATS     /|
|/    _____          _____                        \|
|\   | Secure Digits Plus LLC (π) – Clifton Park, NY |          | 10/2018 – 08/2022 |                          /|
|/   -------------------------------------------------          ---------------------                          \|
|\                                                                                                             /|
|/        _____                       \|
|\       | CEO/Security Engineer, NISSP, DevOPS Engineer, Investigative Journalist, Cybercommando |            /|
|/        -------------------------------------------------------------------------------------               \|
|\                                                                                                             /|
|/   [+] Portfolio Development for Applications, as well as Investigative Journalism                            \|
|\   [+] Main development focus: (C#/PowerShell/.NET) module development, codename [FightingEntropy(π)]         /|
|/   [+] [FightingEntropy(π)] is a MODULE for PowerShell which automatically installs itself, as well as...     \|
|\       (installing/configuring) Windows Server 2016/2019, Windows 10 Home/Education/Pro, RHEL/CentOS, and     /|
|/       FreeBSD/OPNsense/pfSense via the [(Microsoft Deployment Toolkit – by Michael T. Niehaus)]              \|
|\                                                                                                             /|
|/        _____                                                  \|
|\       |   Primary | https://github.com/mcc85s/FightingEntropy  | (← Portfolio, Resume & Links)             /|
|/       | Secondary | https://github.com/mcc85sx/FightingEntropy |                                            \|
|\        ---------------------------------------------------                                                  /|
|/                                                                                                             \|
|\   [+] [FightingEntropy(π)] areas of development:                                                             /|
|/        _____              \|
|\       |   Primary | Active Directory Domain Services | Windows Deployment Services | Hyper-V/Veridian | DNS | /|
|/       |_____| DHCP | [FightingEntropy(π)][FEInfrastructure]: https://youtu.be/6yQr06_rA4I (← Expert) | \|
|\       | Secondary | Extensible Application Markup Language | Graphical User Interface design | Unix/FreeBSD | /|
|/       |_____| IIS/Internet Information Services | Razor/Blazor/ASP.Net | Conceptualizing R&D projects | \|
|\       |  Tertiary | Investigating: ID THEFT | CYBERCRIMINAL ACTIVITIES | GOVERNMENT CORRUPTION | ESPIONAGE | /|
|/        -----------------------------------------------------------------------------------------------       \|
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[====( Former Employers )====================================================================================]
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\   Computer Answers – Clifton Park, NY                                             10/2015 – 07/2019        /
/   Chief Technology Officer & Business Solutions Expert                                                     \
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//⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺\\
||   [+] Developed scripts and protocol, quality assurance, overseeing (productivity/training) of employees  ||
||   [+] Featured on WTEN Alert Desk via Andrew Banas regarding SmartTV's at https://youtu.be/-jkDPv9H6BQ    ||
||   [+] Set highest sales record in the company to date, in August 2017                                     ||
||   [+] Rebuilt all of the networking equipment, point of sale equipment, server/router/access point        ||
||       configuration, surveillance system/cameras, and DHCP configuration/deployment, for ALL 7 stores     ||
||   [+] Deploying and configuring Clients/Servers/Routers/Switches/Access Points/receipt printers/SmartTV's… ||
||       …led to the founding of [Secure Digits Plus LLC], successor to [Mike's PC Repair], in order to build ||
||       a program that does all of this configuration, in a similar manner to:                              ||
||        _____                   ||
||       | Google Kubernetes | Microsoft Azure | Amazon Web Services | VmWare vSphere | Cisco SD-WAN |        ||
||        ---------------------------------------------------------------------------------------            ||
||   [+] Upgraded each store network to gigabit Ethernet internally, as well as installation of:             ||
||        _____                                   ||
||       | Security Gateways using | pfSense | OPNSense | HardenedBSD | FreeBSD |                             ||
||        ---------------------------------------------------------------------                              ||
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\   KeyCorp – Albany, NY                                                            03/2016 – 12/2016        /
/   Help Desk Level (I & II) Support Engineer                                                                \
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||   [+] Provided support to (KeyCorp/KeyBank) employees over the phone and over Key's Inter IM client,       ||
||       Cisco Jabber, for various FIRST and SECOND level help desk support tickets                           ||
||   [+] First experience with System Center Configuration Manager, which utilizes core aspects of the        ||
||       Microsoft Deployment Toolkit and other Microsoft-centric programs/applications                       ||
||   [+] Exposure to Active Directory Administration was rather limited in this position (typically used for  ||
||       password resets), brief contact with Organizational Units, Site Links, Lotus Notes, Exchange,       ||
||       vSphere/eSXI, Group Policy Objects, RSA Encryption/Software tokens, KeyCounselor/HOGAN               ||
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\   Metroland/Lou Communications – Albany, NY                                       01/2007 – 01/2014        /
/   Distribution Contractor & IT Consultant                                                                 \
_____/
//⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺\\
||   [+] Distributed the newspaper Metroland for several years throughout the Greater Capital Region          ||
||   [+] Eventually they were in need of IT services from 'Mike's PC Repair' in September 2012                ||
||   [+] Documented & moved their network from 420 Madison Ave, Albany NY – 523 Western Ave, Albany NY while  ||
||       upgrading old Dell based Win NT 4.0 server to 1U blade server w/ (2x AMD CPUs, Windows Server 2008)  ||
||   [+] Migrated ALL data from an older system that publishers used for archiving (weekly/legacy) content    ||
||   [+] Assisted John Bracchi with (printers/network storage for PUBLISHERS via Adobe (PS & Illustrator):    ||
||        _____                 ||
||       | mapping printers | domain logins | emails/Outlook | making sure that Ted Etoll was happy |         ||
||        -----------------------------------------------------------------------------------------          ||
||   [+] Limited use of domain resources, otherwise most services were DISTRIBUTION of the newspaper         ||
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 /    Nfrastructure – Clifton Park, NY                                        09/2010 – 01/2011     /
/    Computer (Hardware/Printer/Network) Technician                                                 \
\  _____ /
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 ||   [+] Staged machines to be used for Point-Of-Sale systems for the Adidas-Reebok of North America, as well   ||
 ||       as testing, repairing, and maintaining a rolling inventory of computers, monitors, receipt printers,   ||
 ||       handheld devices, bar code scanners, & label/form printers (Epson)                    ||
 ||   [+] Made DAILY warranty calls to HP for Elite 8100/8200's, AND Dell for various (laptops/workstations)   ||
 ||   [+] Repaired, inspected, and maintained full-size (Lexmark/HP) stack printers for various NYS agencies   ||
 ||   [+] Imaged THOUSANDS of computers to be used for various New York State companies and gov't agencies:   ||
 ||       ---------------------------------------------------------------------------------------------   ||
 ||       | Dept. of Transportation | CSMIN | Golub Corporation | Office of People with Disabilities Dept. |   ||
 ||       | Dept. Of Correctional Services | Adidas-Reebok of NA | Testcomm of New York and Massachusetts  |   ||
 ||       ---------------------------------------------------------------------------------------------   ||
 \\-----------------------------------------------------------------------------------------------//
 /    TEKsystems – Albany, NY                                                 06/2006 – 05/2019     /
/    Various (Computer/Network) related roles                                                       \
\  _____ /
 //-----------------------------------------------------------------------------------------------\\
 ||   [+] Completed Pittsfield MA Census Bureau deployment (2009-2010) | KeyCorp (2016) | Patroon Creek (2017)   ||
 ||   [+] Trinity Health/St. Peters Hospital 02/2019 [Interview] – Potential client was seeking to build an   ||
 ||       entirely new domain physically as well as ASP.Net overhaul, already developing [FightingEntropy(π)]   ||
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 /    Hearst Corporation – Albany, NY                                         04/2006 – 04/2009     /
/    Distribution Contractor & Accounts Receivable Collector                                        \
\  _____ /
 //-----------------------------------------------------------------------------------------------\\
 ||   [+] Provided distribution throughout lower Saratoga County, as well as the Greater Capital Region   ||
 ||   [+] Daily paper drops were required in early morning hours after they are printed (2AM-4AM), and stores   ||
 ||       would either be open or closed; some stops needed priority treatment (primarily Stewarts Corp)   ||
 ||   [+] Drifted in the snow a lot, found new ways to drop off newspapers, drove a minimum of 90 miles/night   ||
 ||   [+] Collected and calculated return payment amounts, deposited into bank account with Bank of America   ||
 ||   [+] Worked under (Kenny/Patrick Bernard) for Q122, Q107, Q121, & Chris Jones for daytime return routes   ||
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[====( Education )=================================================================================]
 /    New Horizons Learning Center – Albany, NY                               01/2008 – 01/2009     /
/    CompTIA & Microsoft Certifications Track                                                        \
\  _____ /
 //-----------------------------------------------------------------------------------------------\\
 ||   [+] Completed certifications from CompTIA A+/Network+, MCP/MCDST                           ||
 ||   [+] Hands on support with hardware, and operating systems Windows (XP Pro/Home/Server 2003)   ||
 ||   [+] Studied server technologies and services: FTP, File Server, WINS/DNS/DHCP, RSAT/WSUS, Certificates,   ||
 ||       Active Directory, Group Policy, Drivers, Wireless, IIS 6.0, VPN Encryption, & Virtual Server   ||
 \\-----------------------------------------------------------------------------------------------//
 /    ITT Technical Institute – Albany, NY                                    06/2004 – 06/2006     /
/    Information Technology: Drafting & Design, Multimedia                                           \
\  _____ /
 //-----------------------------------------------------------------------------------------------\\
 ||   [+] Received Associate degree in (IT/Drafting and Design-Multimedia)                       ||
 ||   [+] Course studies included:                                                              ||
 ||       ---------------------------------------------------------------------------------------------   ||
 ||       | 2D/3D graphic, print AND web design AND publishing | Portfolio Development | Problem-Solving |   ||
 ||       | Instructional Design | Micro Economics | CompTIA (A+/Network+) | Intro to Visual Basic .Net |   ||
 ||       |   Macromedia | [ Flash / Director / Dreamweaver] (HTML/CSS) and flash animation        |   ||
 ||       |        Adobe | [ Premiere / After Effects ] video | [ Photoshop / Illustrator ] photo  |   ||
 ||       | AutoDesk 3DS | scene/character modeling | lighting | texturing | rigging | animation   |   ||
 ||       ---------------------------------------------------------------------------------------------   ||
 \\-----------------------------------------------------------------------------------------------//
 /    Capital Region Career and Technical School – Albany, NY                 09/2001 – 06/2003     /
/    Microsoft System Administration, CompTIA A+/Network+, & Cisco Certified Network Academy        \
\  _____ /
 //-----------------------------------------------------------------------------------------------\\
 ||   [+] While attending Shenendehowa High School, this 2-year vocational program consisted of hands-on lab   ||
 ||       environment experience, and studies related to the above curriculum                   ||
 ||   [+] Briefly acted as (Student Network Administrator), using (MMC/Microsoft Management Console) snap-ins,   ||
 ||       HyperTerminal, Novell Netware IPX/SPX, Windows XP/Server 2000 Workgroup, and some Red Hat Linux   ||
 ||   [+] Received an in-depth year with Cisco (routers/switches) via RS232                      ||
 ||   [+] Participated in NYS competition at (SCCC/Schenectady County Community College), & ITT Tech   ||
 ||   [+] Received an award from the school for Portfolio Development at final graduation ceremony   ||
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