

Digital version of this document (with the links) can be found here...
[https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2023_0126-\(BillionDollarProgramPartII\).pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2023_0126-(BillionDollarProgramPartII).pdf)

Greetings, my name is Michael C. Cook.

I am an application developer, design artist, system/network/security engineer, in addition to various other roles that involve information technology. I have serviced all of the following devices: smartphones, tablets, routers, switches, access points, radios, camera systems, network/digital video recorders, televisions, game consoles, laptops, desktops, servers, and Internet of Things related stuff.

[I'm an expert at what I do].

I could literally go to the nearest Apple store, and say "Here, hold my beer" (I don't drink beer), and show everybody who works at that Apple store, how an actual expert would fix the devices they service. I have literally serviced Apple devices on a contractual basis with Asurion/IFixUr/Computer Answers, and have serviced thousands of devices for various NYS agencies + GlobalFoundries on an official basis, through Nfrastructure.

What I mean is this: most people who need SUPPORT for their system or (Apple iPhone/desktop/laptop) or whatever...? They have to CALL A GUY, to fix it. I don't do that unless it involves something that Louis Rossman does, where he has to download schematics, source the parts for the transistors, capacitors, heat the PCB, use a micropencil to (solder/desolder) components to breadboards/logic boards, and et cetera.

When it doesn't concern any of those things... I fix things myself. I'll run my own layer 1 ethernet cables, use my own crimp tools to terminate the RJ-45's on the ends of the CAT6 wires, configure the layer 2 Cisco Catalyst switches, configure a layer 3 virtual machine with OpnSense/pfSense to perform routing, build my own email server using (CentOS + Postfix) instead of Exchange...

I will go so far as to develop my own applications, Active Directory instances, group policies, registry editing, functions/classes, graphics, etc. Most people that SAY all of this stuff, they like to LIE to one another about how technically proficient they are. I literally have an entire list of videos that people could watch, to see that [I → mean what I say], and [I → say what I mean].

A lot of people [SAY → (1) thing], but then they [DO → (1) OTHER thing].
I don't do that. I'll [SAY → (1) thing], and then I'll [DO → that (1) thing].

Here is a link to my work portfolio, which shows that I do a lot of work, SOME of my videos are listed there.

[\[FightingEntropy\(\$\pi\$ \)\] | https://github.com/mcc85s/FightingEntropy](https://github.com/mcc85s/FightingEntropy)

The reason why I've written this introduction is because people constantly underestimate me and my capabilities. Some people should consider that my father was killed in 1995, and then I worked for Nfrastructure in 2010. Then, in June 2020 I found this document that links my father, and the former owner of Nfrastructure's brother, from 1989. [https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2021_0414-\(Jesse Pickett\).pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2021_0414-(Jesse%20Pickett).pdf)

I don't know what the link or correlation is, but what I have determined is that the local police are really lazy and they don't collect evidence nor do they investigate leads or stuff like that.

Probably because most people lie to one another on a constant basis, and that's a fact of life that I've observed.

Most people CANNOT do the numerous things that I am able to do, and that is simply because...
I've spent my entire life working with computers, going back to Windows 95 and Disk Operating System.
There's plenty of things older than Windows 95, and I'm not disputing that there are some people out there who
have been doing things longer than I have...?

But- I started my company [Secure Digits Plus LLC] back in October 2018, to focus on business solutions expertise, as well as network security. At some point, I gravitated toward the idea of developing a program that does the many things that I had to MANUALLY spend time configuring and doing... when I thought to myself: "I could totally build a program that does all of this, couldn't I...?"

Nobody was standing around to say "You totally could, kid..." And then, that's what I decided to start doing.

Over the course of the last (4) years or so, I have been building this “Billion Dollar Program” because I had a concept that I wanted to capitalize on, to merge the many aspects of Cisco SDWAN, Microsoft SCCM, and Google Kubernetes, though- my idea is CURRENTLY far less complex than many of those ideas.

The reason for this particular document, is to explain in a couple pages, where resources can be found that demonstrate that I have the capabilities of being a [senior software engineer] (and/or) [solutions architect].

All (3) of these functions are being worked on...

Get-FEDCPromo - For promoting a server to an Active Directory Domain Controller via (4) modes https://github.com/mcc85s/FightingEntropy/blob/main/Version/2022.12.0/Functions/Get-FEDCPromo.ps1 =====
New-VmController - For building a lab environment of preconfigured virtual machines (Not in the module yet) https://github.com/mcc85s/FightingEntropy/blob/main/Scripts/New-VmController.ps1 =====
Initialize-FeAdInstance - For populating an Active Directory Domain Controller with OU's, Groups, and Users https://github.com/mcc85s/FightingEntropy/blob/main/Version/2022.12.0/Functions/Initialize-FeAdInstance.ps1 =====

Here is a video I recorded somewhat recently which demonstrates an earlier version of the script "New-VmController"

01/12/23 2023_0112-(PowerShell Virtualization Lab + FEDCPromo) https://youtu.be/9v7uJHF-cGQ
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Here are the PDF files that showcase a breakdown of each of these functions and whatnot.

Get-FEDCPromo.pdf https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2023_0103-(Get-FEDCPromo).pdf =====
New-VmController.pdf https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2023_0125-(New-VmController).pdf =====
Initialize-FeAdInstance.pdf https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2023_0124-(Initialize-AdFeInstance).pdf =====

I'm seeking a means to further develop these (scripts/functions), and capitalize on the EDUCATIONAL aspect of what I'm building. More specifically, I'm looking for a LAB ENVIRONMENT so that I can further develop the module.

I have other criteria that I'm looking to achieve with this particular module, **FightingEntropy(π)**. Some people might be interested in what that criteria happens to be.

Michael C. Cook Sr. Security Engineer Secure Digits Plus LLC
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