**Project Title: File Guardian**

This is a file encryption tool for removable USB drives

**Description**

File Guardian was developed as a proof-of-concept application for encrypting the data on removable USB drives. File Guardian was written in Python3 using VS Code; this version to be used on Windows 10 or higher machines. It is only intended to be used on personally owned USB drives, and gives specific warnings against being used on installed hard drives. File Guardian can encrypt any file. DO NOT use this tool for malicious purposes!!

**Getting Started**

**Dependencies**

* Windows 10 +

**Installing**

* Open Command Prompt
* Navigate to location to be installed
* Enter:

curl -O https://github.com/CySJM/-FileGuardian.git

* Or: download directly from github
* Create shortcut to .exe on Desktop

**Executing**

* Double click on the .exe shortcut
* File Guardian will output an encryption/decryption key file containing a symmetric key; keep this file separate from the encrypted drive. This will be used to encrypt and decrypt the drive

**Help**

* No problems reported at this time

**Authors**

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**Version History**

* 1.0
  + Initial Release

**License**

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**Acknowledgements**

* Network Chuck - <https://www.youtube.com/watch?v=UtMMjXOlRQc&t=886s>
* BitLocker - <https://learn.microsoft.com/en-us/windows/security/information-protection/bitlocker/bitlocker-overview>

**Photos**

