



Charles Albert Kemerley Jr

Masters in cyber security

Keylogger Analysis

Project Summary: Design and implementation of a software-based keylogger intended to study how someone could record and analyze keystrokes and clicks to gather important information about the user.

Tools: Python programing language: Different Python Libraries: import pynput.keyboard, import pynput.mouse, Import datetime, import wx, and import

pandas.

Project Purpose: The objective is to understand the operational functions of the keyloggers to capture, store, and exfiltrate keystroke data within modern operating systems.

Log File Analyzer

C:\Users\ckeme\PycharmProjects\Capstone Project Charles K\log.txt

Browse

Submit

Entry	Date	Time
2025-06-01	18:08:00	username
2025-06-01	18:08:00	paswoer
2025-06-01	18:08:00	password
2025-06-01	18:08:00	usernam1
2025-06-01	18:08:00	password1

Save to CSV