We will start at UofT time (7:10pm)

Meanwhile, if you do not have Python or a Text Editor installed, please do so here:

https://www.python.org/downloads/
Example Text Editor: https://code.visualstudio.com/download

TODAY'S AGENDA

01
Overview
What is a keylogger? Why use it?

02
Coding Tutorial
How to actually code this in Python

03
Our GitHub Repo
Showing you our GitHub repo with slides + code

04
Real Life Uses
How a keylogger is used in real life?

WHAT IS A KEYLOGGER?

- A keylogger, also called keystroke logger:

    ➢ Records the keys struck on a keyboard
    ➢ We are teaching you this tool for
       educational purposes only

NOW, WE CODE

GitHub Repository

MalHus Update README.md   8ba561d 2 days ago   🕐 11 commits

| 📄 README.md | Update README.md | 2 days ago |
| 📄 keylogger_demo.py | Update keylogger_demo.py | 2 days ago |

☰ README.md   ✏️

UofT Cybersecurity Student Association

Welcome Cyber Geeks!

Find resources to all **content** covered in workshops conducted by the CSSA over the **2022-2023** academic year below! From **slides to code**, find all the information we covered in our workshops below so that you can continue on your journey of exploring the **bits and bytes of cybersecurity!**

Workshop 1 - Keyloggers: What, How & More! (Python)

Introduction to the concept of **Keylogging**, the process of **coding** a keylogger and an **exploration** of the different ways to extend the written code to incporate a wide range of **functionalies** (for educational purposes only). Make sure to check out the resources provided in the slides that guide you as you continue to explore into keyloggers!
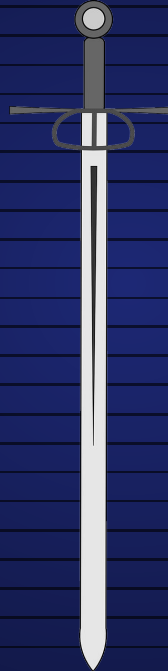
Workshop 2

Coming soon!

REAL LIFE USES

1

Keep track of the employees' activities

2

Monitor children's online behaviour

3

Analyze incidents involving computer use

1

BY THE NUMBERS:
OLYMPIC VISION
Business Email Compromise (BEC) Campaign

HOW MUCH DOES IT COST TO STEAL FROM A COMPANY?

$25
Price of Olympic Vision toolkit

$15
Price of crypter used to avoid detection

HOW MUCH DAMAGE CAN BE DONE WITH $40?

$800M
Total estimated damage caused by BEC schemes in 2015*

$130,000
Estimated average loss caused by BEC per company*

COUNTRIES AFFECTED BY THE OLYMPIC VISION CAMPAIGN

Canada	Iraq	Spain
China	Malaysia	Thailand
Germany	Netherlands	United Arab Emirates
India	Qatar	United Kingdom
Indonesia	Saudi Arabia	United States
Iran	Slovakia	Zimbabwe

* From FBI Alert Number I-082715a-PSA

TREND MICRO

Take-home mini project

Advanced Keylogger

Language: Python
URL:
https://cybercademy.org/build-advanced-keylogger-in-python-project-overview/

Keylogger w/ C

Language: C
URL:
https://www.youtube.com/watch?v=ZKzhfuic1o0

Keylogger w/ C++

Language: CPP
URL:
https://www.udemy.com/course/how-to-create-an-advanced-keylogger-from-scratch-for-windows/

What's next?

Please stayed tuned for our future workshops and events by following us on instagram and joining our discord server~ We are looking forward to meeting you again soon !!

Discord

@uoftcssa

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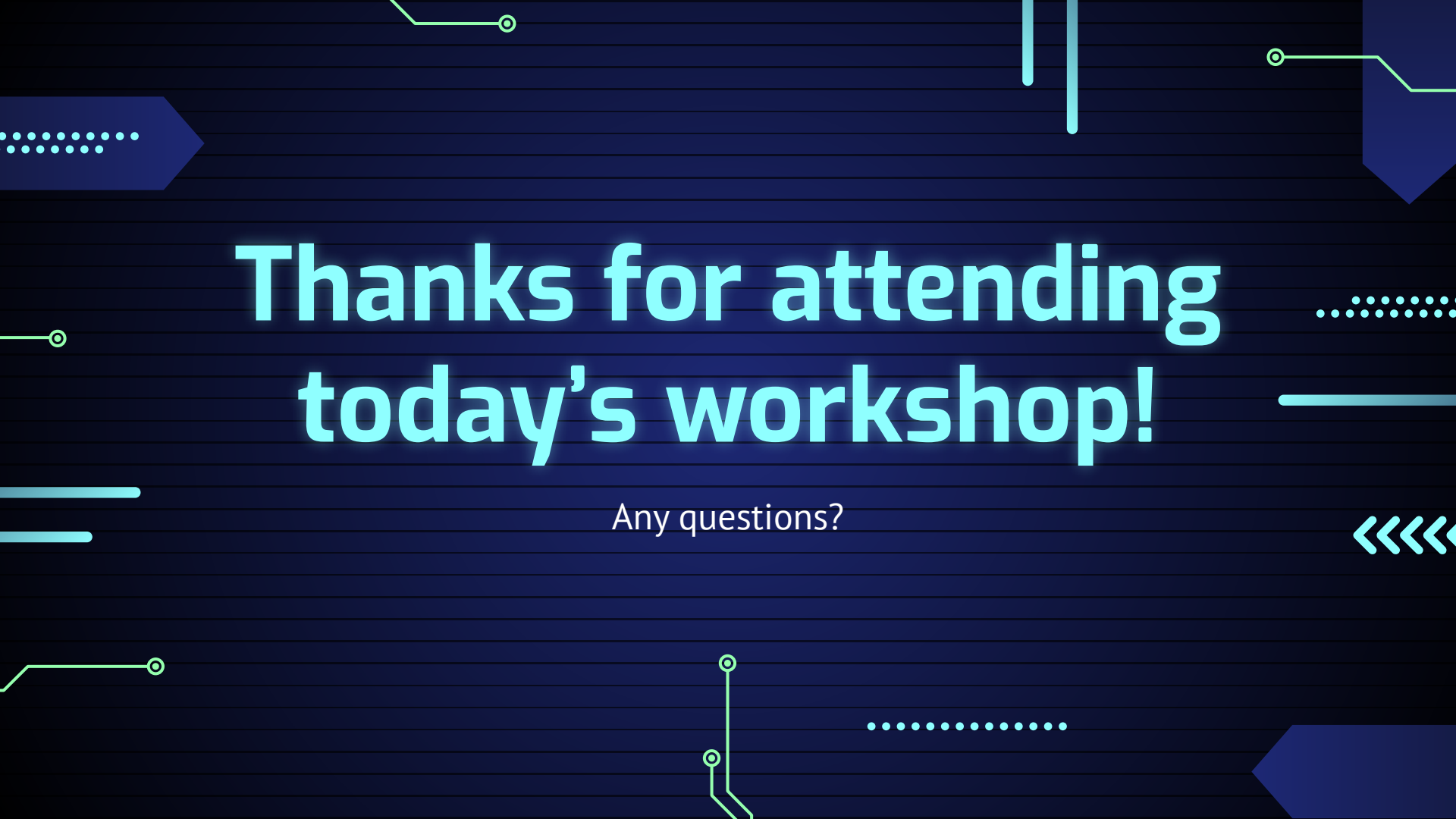
linktree.com/uoftcssa

cssa.sa.utoronto.ca

Thanks for attending today's workshop!

Any questions?