For
LangChain x GPT Agents Hackathon April 2023

Date
Apring 30th, 2023

RedAGPT

Breaches
Leaks
Denial of Service
Malware

Nearly **1 billion emails** were exposed in a single year, affecting 1 in 5 internet users.

Data breaches cost businesses an average of **$4.35 million** in 2022.

Around **236.1 million ransomware attacks** occurred globally in the first half of 2022.

1 in 2 American internet users had their accounts breached in 2021.

39% of UK businesses reported suffering a cyber attack in 2022.

Cyber crime cost UK businesses an **average of £4200** in 2022.

In 2020, **malware attacks increased by 358%** compared to 2019.

Solution

AI for Cybersecurity

RedGPT Combines **LangChain** and **AutoGPT** to combat security issues at home and in the office
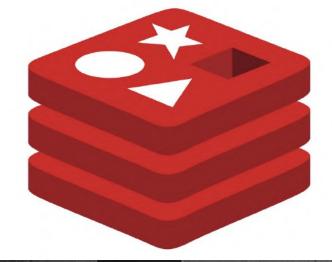
Tech Stack

- AutoGPT via LangChain utilizing GPT-3

- Kali and Ubuntu Linux running the latest intrusion detection and test tools

- Redis VectorSearch for vector database memory via Docker

- GitHub collaborative code repo

- Streamlit for demo

Business Model

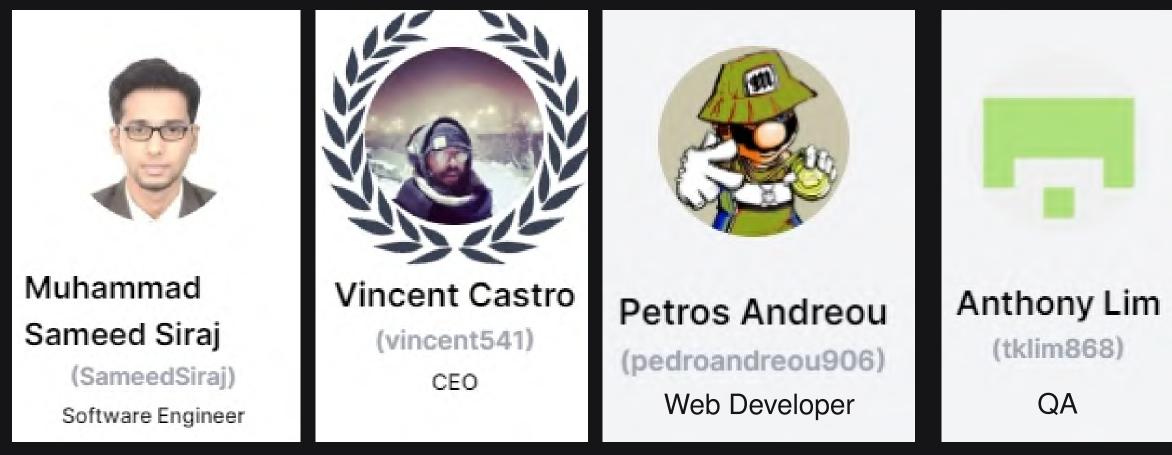Our technology operates on a **token-based system** similar to other GPT based APIs.

Users will **purchase tokens that allow them to use our security testing tool kit** on a **per-word basis**.
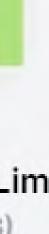
This model ensures that **users only pay for what they use** and allows us to **monetize our technology without charging high upfront fees.**

The token system also allows for **scalability** as users can purchase more tokens as needed.
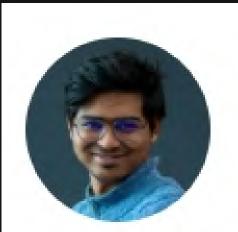
Our Team

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