



Network Analyzer

Erlandas Bacauskas C00242521

Supervisor: Paul Barry

Description of My Project



**Capture Network
Traffic**



**Analyzing Network
Packets**



**Perform Network
Attacks**

Technology

- Similar Tools
 - Wireshark
 - Tcpdump
- Technology Used
 - Python 3
 - SQLite3
 - PyQt
 - Scapy



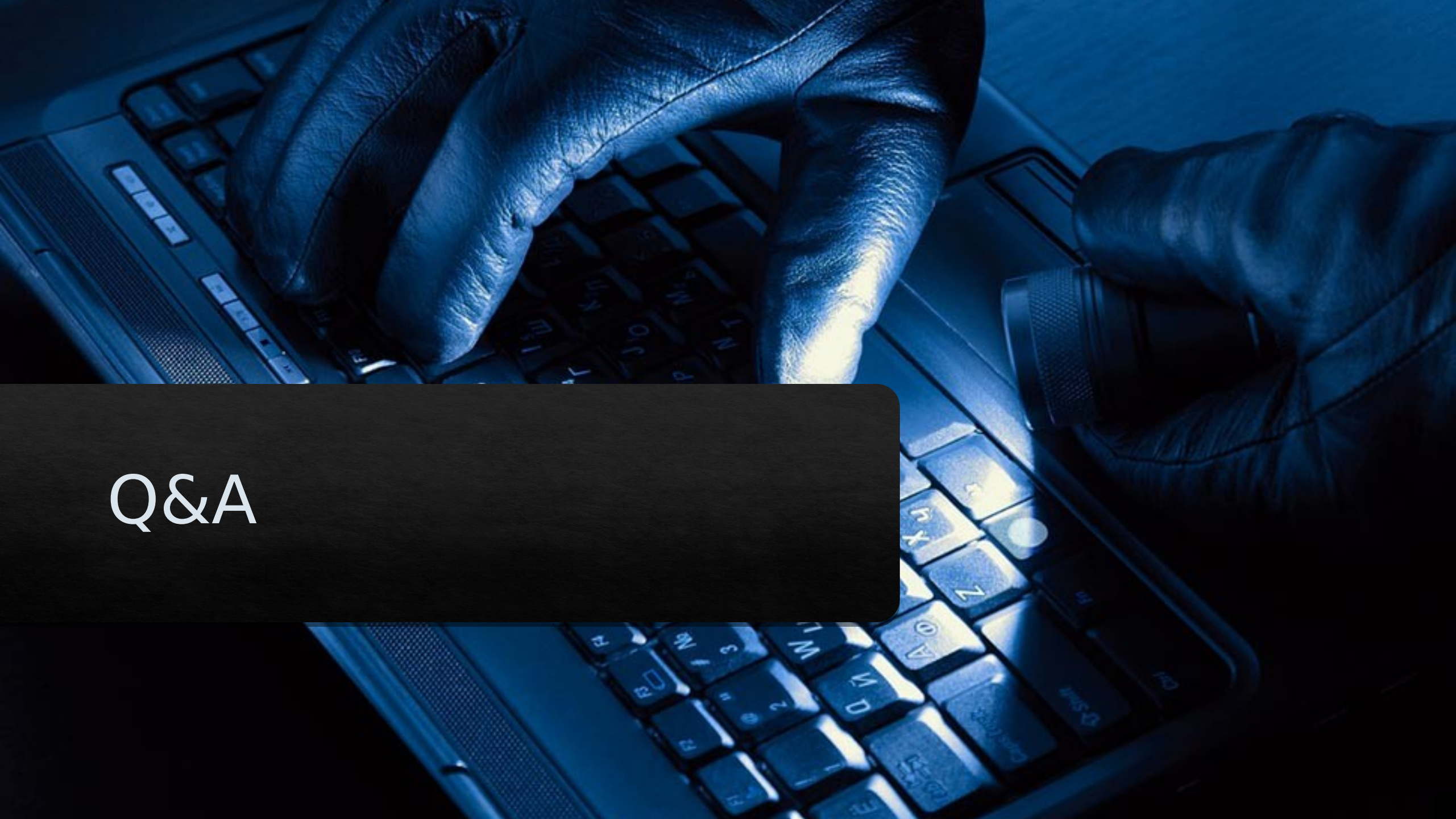
Progress

- What I Have Implemented
 - Live Packet Capture
 - Host Discovery
 - Port Scan
- What is Still to Come
 - ARP Poisoning
 - DNS Spoofing

Challenges

- Learning New Programming Language
- Thread Programming





Q&A