**English exam**

**I'm a student of computer security faculty, group**

People, by their nature, always protect themselves and their relatives and try to create conditions to be and feel safe. We lock our houses and shut the windows when going out. We don’t talk with strange people on the street and don’t disclose out secrets toe veryone

Nowadays, our world is rapidly moving into cyberspace and today we can’t imagine our life without electronic appliances. We all live in a world which is networked together, from internet banking to government infrastructure, and thus, network protection is no longer an optional extra. Hackers attack is now an international concern, because they could endanger the global economy.

**Cyber Security and AI**

It’s sufficient vast topic, so I would like tot tell you about integration of cuber security and AI

New tools are constantly being developed to adopted to evolving threat landscape. And as more and more tools are developed and adopted, the analysts using those tools have to do more and more switching between them to accomplish their day-to-day tasks. Analysts should respond to alerts, whose numbe*r is increasing* with increasing number of security tools. More alerts to respond to in a day means less time spend on each alert, which increases the likelihood of mistakes being made. This performance is called “alert fatigue”.

Humanity realized that this is impossible and it's time to change something and decided to introduce artificial intelligence into the cyberspace.

I want to tell about three the most complex and modern systems, which helps experts to live and complete their tasks

**UBA**

The main goal is to detect abnormal user activity and write different logs

1) Collects information about typical user behavior

2) Builds a model of typical behavior

3) And in case of its occurrence abnormal activity immediately registers and considers as a potential threat

The system doesn’t know how to react to events, it can only register them. And it’s a main difference from other systems

**SIEM**

It is a system for collecting and correlating information security events. Unlike UBA,SIEM analyzes not only users, but all devices in the company. And it also offers its solutions to the current situation

**SOAR**

SOAR connects and synchronizes technologies through automation, overseen by human authority. SOAR has gone even further and it automatically responds to different incidents. it's an improved version of SIEM

Here you can see the life cicle of SOAR system