

# **NÁZEV DIPLOMOVÉ PRÁCE V ANGLICKÉM JAZYCE**

The Criminalization of Cyberattacks on Information Systems

## **ABSTRACT**

This master thesis deals with the issue of criminalization of attacks on information systems. The topicality of the topic is supported by the rapid development of information and communication technologies and the shift of everyday activities to the virtual environment. Nowadays, cybercrime poses a growing danger not only to individuals but also to the state. The aim of this thesis is to introduce cyberattacks and to classify them criminally. Furthermore, attention is concentrated on the procedural aspect of attacks, in particular on their detection, investigation and the procedure of international cooperation. The transnational and international framework in the fight against cybercrime is not omitted. The thesis seeks to identify what problematic aspects domestic legislation faces and what future developments in the field of cybercrime can be expected.

The introductory section explains the basic terms that are used extensively in the thesis. Subsequently, key international instruments in the fight against cybercrime are introduced. The focus is on introducing the different types of cyberattacks and their subsequent criminal classification. The subsequent part introduces the procedural level of the issue, while the defined part also includes findings from criminology, such as the typology of perpetrators and their motives. The issue of current trends in cyberspace such as cloud storage, virtual currencies and virtual theft is also mentioned. Finally, statistical data concerning the incidence of cybercrime in the Czech Republic in recent years and possible future developments are presented. At the same time, the chapter also reflects on the development of cybercrime in the context of the COVID-19 coronavirus disease and the ongoing war conflict in Ukraine. In addition, the vision and goals of the Czech Republic in the field of cyber security are presented.

## **KEYWORDS**

cybercrime, cyberattack, cyberspace