



Lev Shostak

Date of birth: 12/08/1999 | **Place of birth:** Donetsk, Ukraine | **Nationality:** Ukrainian | **Gender:** Male |

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WORK EXPERIENCE



WEB DEVELOPER

EDUCATION AND TRAINING

Kyiv, Ukraine

BACHELOR DIPLOMA IN CYBERSECURITY Kyiv National Trade University

Website knteu.edu.ua

LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN** | **RUSSIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	
GERMAN	B2	B2	A1	A1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Organisation | Python | SQL | Linux | Powershell

PUBLICATIONS

2024

ANALYSIS OF THE VULNERABILITIES OF COMMON CRYPTOGRAPHIC ALGORITHMS TO QUANTUM ATTACKS

The article examines the vulnerabilities of commonly used encryption algorithms, taking into account the prospects of powerful quantum computing devices. It highlights the theoretical background of quantum attacks, particularly Shor's algorithm and Grover's algorithm, and analyzes their impact on the security of common cryptosystems. The latest research in post-quantum cryptography is reviewed, including the National Institute of Standards and Technology program for selecting promising algorithms. Conclusions emphasize the urgent need to modernize cryptographic standards and introduce hybrid solutions.

HOBBIES AND INTERESTS

Fishing

Diving

● **DRIVING LICENCE**

Driving Licence: B