JAKUB RŮŽIČKA

M.Sc. in Cybersecurity

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"I strive to leverage my expertise in Computer Security to create impactful solutions that enhance global security and drive positive change."

EDUCATION

M.Sc. in Cybersecurity
KTH Royal Institute of Technology

📅 August 2023 – ongoing

- Courses in ethical hacking, system & network security, cryptography, forensics and incident response.

B.Sc. in Computer Science
Faculty of Mathematics and Physics, Charles University

📅 October 2019 – June 2023

- Courses in software engineering, machine learning and theoretical informatics.

Faculty of Information Technology, Czech Technical University

📅 October 2022 – June 2023

- Courses in reverse engineering - malware analysis, system and network security.

University of Konstanz

📅 October 2021 – March 2022

- Exchange semester. Courses in low level programming and compiler construction.

EXPERIENCE

Research Intern in NLP Team
MAMA AI Coolma, s.r.o.

📅 October 2021 – June 2023

- Cooperation on the bachelor thesis. Czech language normalization for text to speech systems.

Programming Mentor
Green Fox Academy CZ s.r.o.

📅 September 2021 – April 2023

- Mentoring students during retraining as programmers in Java.

Junior Developer Intern
COMPELSON Trade, s.r.o.

📅 May 2021 – October 2021
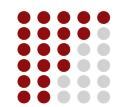
- Writing module for data extraction from Huawei devices.

PROGRAMMING

Python	●●●●○
C#	●●●●○
C	●●●○○
Rust	●●●○○
Django	●●●○○
C++	●●●○○
Java	●●●○○
Flask	●●●○○
JavaScript	●●●○○
SQL	●●○○○
PHP	●●○○○

TOOLS

Git	●●●●●
LaTeX	●●●●○
Metasploit	●●●○○
Docker	●●●○○
TensorFlow	●●○○○
IDA	●●○○○

OPERATING SYSTEMS

Linux	●●●●●
Windows	●●●○○
Android	●●○○○

INTERESTS

RoyalRoppers	royalroppers.team
Scouting	cefeus.skauting.cz
Running	sct.nu

STRENGHTS

Enthusiastic & Passionate
Goal oriented & Hard working
Organized & Leader

LANGUAGES

Czech	Native
English	Proficient
German	Proficient
Swedish	Proficient