JAKUB RŮŽIČKA

M.Sc. in Cybersecurity

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

EXPERIENCE

Research Engineer
Canary Bit AB

📅 September 2025 – ongoing

- Research in Confidential Computing. Developing tool to manage the confidential container lifecycle.

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

📅 October 2021 – June 2023

- 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.

EDUCATION

M.Sc. in Cybersecurity
KTH Royal Institute of Technology

📅 August 2023 – December 2025

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

Cyber-Security and Privacy Summer School (CySeP) 2024

📅 June 2024

- Summer school with focus on AI security.

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 and network security.

University of Konstanz

📅 October 2021 – March 2022

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

PROGRAMMING

Rust	●●●●○
Python	●●●●○
C	●●●○○
Flask	●●●○○

TOOLS

Git	●●●●●
Terraform	●●●●●
Kubernetes	●●●●○
Docker	●●●●○
Proxmox	●●●●○

OPERATING SYSTEMS

Linux	●●●●●

INTERESTS

Scouting	cefeus.skauting.cz
Triathlon	sct.nu

STRENGHTS

Enthusiastic & Passionate
Goal oriented & Hard working
Organized & Leader

LANGUAGES

Czech	Native
English	Proficient
German	Proficient
Swedish	Proficient