

Nikita Kroshko

📍 Manchester ✉️ kroshkonikita@gmail.com ☎️ 0 7466 653842 in Nikita Kroshko

Education

University of Manchester

BSc (Hons) in Computer Science

Sept 2024 – Jun 2027
(expected)

- **Coursework:** Fundamentals of Computer Architecture, Fundamentals of Computer Engineering, Introduction to Programming, Mathematical Techniques for Computer Science, First Year Team Project.

International School of Belgrade

International Baccalaureate Bilingual Diploma

Aug 2021 – May 2024

- GPA 7/7
- IB: Higher Level, Mathematics Analysis and Approaches 7, Physics 7, English 7

Experience

Cybersecurity Job Simulation

Mastercard

Manchester, UK (Forage)
October 2024

- - Analyzed the security level of a sample group of 700 employees.
- - Determined which groups are the most susceptible to social engineering attacks.
- - Created a socially engineered phishing email in order to penetration-test the company.
- - Wrote a presentation which taught valuable information about how to avoid hostile emails.

Software Engineering Job Simulation

Goldman Sachs

Manchester, UK (Forage)
October 2024

- - Researched into the cybersecurity topic of password protection, cracking, and hashing.
- - Decrypted 100% of the sample list of passwords using Hashcat.
- - Wrote a professional memo which, in non computer science language.
- - Explained the vulnerabilities of the company and what needs to be done to strengthen security.

Skills

- Problem Solving, Critical Thinking, Communication, Teaching, Analysis, Computer Science, Mathematics
- Programming (Java, Python, Bash, JavaScript, HTML, CSS, RISC-V Assembly, Verilog)
- Languages (English C2, Russian C1, German B1, Serbian A1, Macedonian A1)

Extracurricular Activities

Chess Club

Founder / Leader

- Founded a popular chess club at the school, helped many students learn how to play chess, taught many different chess techniques mathematical, logical, and psychological.
- Signed the club up for a chess championship between international schools, came out first from the school district.
- Increased student Elo ratings on chess websites from 500 to 1200 and above.

Awards

International School of Belgrade Awards

Aug 2021 - May 2024

Aug 2021 - Jun 2022 Honors and Higher Honors

Aug 2022 - Jun 2023 Honors and Higher Honors

Aug 2023 - May 2024 Higher Honors Twice, and Salutatorian