

# ANDREJ RAJKOV

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## EDUCATION

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**FACULTY OF SCIENCES** University of Novi Sad, Serbia

October 2022 – June 2026

*Bachelor of Science in Information Technology*

**Key Courses:** OOP (Java), Data Structures and Algorithms (Java), Databases (SQL), Systems Programming (C), Web Design (HTML, CSS, and JavaScript), Information Software Development Process (Scrum), Video Game Design (Unity), Information Systems Modeling

**UNIVERSITY OF TURKU** Turku, Finland

August – December 2024

*Erasmus Study Exchange, funded scholarship of the European Union*

**Courses:** System and Application Security, Software Design and Architecture, Statistical Data Analysis, Perception and Navigation in Mobile Robotics, Usability User Experience and Analytics

**PRIJEPOLJE GRAMMAR SCHOOL** Prijepolje, Serbia

September 2018 – June 2022

*Specialized Class for Gifted Students in Computer Science*

**Key Subjects:** Object-Oriented Programming (C#), Dynamic Programming (C++), Databases, Assembly Programming, Computer Architecture

Participated in regional programming competitions ("Petlja")

**FLEX (Future Leaders Exchange) Highschool Exchange Program**

August 2021 - May 2022

South Wichita Highschool, Kansas, USA

**Key Subjects:** AP Calculus, English IV, US History, US Government, Investing, Business Essentials, Financial Literacy, Introduction to Theatre

## PROFESSIONAL EXPERIENCE

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**GLOG.AI**

October 2025 - Present

Cybersecurity Analyst Intern

- Executed static vulnerability scans and technical research, identifying and remediating critical application security flaws within an agile environment
- Assisted in client demonstrations and analyzed the sales process, focusing on translating technical security features into measurable client business value

**Children's Innovation Center (DIC)**

October 2023 - June 2024

STEM Educator and Competition Coach

- Taught robotics classes to children aged 6-13, led workshops focused on design and programming of LEGO Mindstorms robots
- Trained and led a young student team to the WRO (World Robot Olympiad) competition

## SEMINARS AND LEADERSHIP EXPERIENCE

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**IPICS 2025 Cybersecurity Summer School**, Novi Sad, Serbia July 2025

- Gained hands-on knowledge in key cybersecurity skills: DFIR (Digital Forensics and Incident Response), threat modeling, cryptography, penetration testing, social engineering, and malware analysis
- Applied acquired knowledge in a final CTF (Capture the Flag) hackathon

**NTU Chip-based Program 2025**, National Taiwan University March 2025

- Acquired specialized knowledge in microprocessor design and manufacturing, focusing on applications in AI and Robotics.
- Collaborated with renowned professors, visited leading companies (TSMC, Mediatek, Delta), and executed practical work with silicon wafers.
- Secured travel sponsorship: Initiated and negotiated funding with a local tech company, securing partial airfare coverage (total value 2000€) for a team of three students

**Petnica Science Center** July 2020 and March 2021

- Attained theoretical knowledge in computer architecture, computer graphics, digital electronics, and cryptography across two seminars
- Developed team software (Weather API for Discord bot) and recreated Pong game in assembly

**Elektrobot Team** October 2018 - March 2020

- Represented the team across two competitive seasons at FIRST LEGO LEAGUE competitions (Belgrade, Serbia and Koper, Slovenia)
- Optimized and tested robot design and programming, contributing to the team's success in competitive missions