

# Boris Mojsa

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## EDUCATION

Chicago State University, Chicago, IL

Expected Graduation: May 2027

Bachelors of Science in Computer Science, Minor in Mathematics

- **GPA:** 4.0 | **Honors:** TOEFL iBT Athletics Excellence Grant, ComEd Scholar, Dean's List (Spring 2024)
- **Relevant Coursework:** Data Structures, Object Oriented Programming, Software Engineering, Calculus 1, 2 & 3

## EXPERIENCE

Chicago State University - Chicago, Illinois

February 2024 – Present

Student Digital Navigator

- Improving digital access by distributing over **400+** laptops to individuals in need, ensuring connectivity and resource availability.
- Increasing digital literacy by conducting over **20+** workshops and training over **150+** community members on essential technology skills.
- Expanding digital inclusion by reaching over **10+** neighborhoods and providing over **150+** one-on-one training sessions.
- Promoting digital literacy by engaging over **2,000+** participants through outreach and training efforts.

U.S. Department of Energy Cyber Force Competition – Chicago, Illinois

November – 2023

Team Leader

- Participated in the CyberForce Competition, a national cybersecurity event hosted by the Department of Energy.
- Led a team of 5 students to defend a simulated cyber-physical infrastructure from cyberattacks.
- Gained foundational skills in network security, penetration testing, incident response, and risk management through hands-on projects and guided learning.

## PROJECTS

SmartPet+:

- Developed a web app utilizing Python, machine learning, and REST APIs to identify pet breeds from images and generate AI-generated stories.
- Implemented a Flask-based website and integrated OpenAI GPT-3.5-turbo to dynamically create pet-related content.
- Utilized Microsoft Azure Computer Vision API to process images and improve breed identification accuracy.

Airline Crew Scheduling with Genetic Algorithms:

- Conducted research on optimizing airline crew scheduling by applying genetic algorithms to improve efficiency.
- Investigated evolutionary algorithms and mathematical models to enhance crew allocation and minimize scheduling conflicts.
- Integrated data analysis techniques to develop scalable and optimized scheduling solutions for airlines.

## SKILLS & INTERESTS

**Technical Skills:** Python, C++, Java, REST APIs, Flask, Cloud Computing, Database Management, Debugging, Data Analysis, SDLC, Web Development, Agile Methodology, Testing & Troubleshooting

**Interests:** Web Development, Machine Learning, AI in Legal Tech, Tech for Business Innovation & Design Thinking

## CERTIFICATES

- **Artificial Intelligence Fundamentals** – IBM SkillsBuild | Issued **July 2024**
- **Fundamentals of Digital Marketing** (*Osnove digitalnog marketinga*) – Google Digital Garage (*IAB Europe Certified*) | Issued **December 2022**