

NICULAE GEORGE - ALEXANDRU

INDUSTRIAL ENGINEERING UNDERGRADUATE

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Socials: [LinkedIn](#) [GitHub](#)

SUMMARY

I am a motivated and adaptable individual with a strong analytical mindset and a passion for technology. Through my academic journey and hands-on experience, I have developed problem-solving skills and the ability to work efficiently both independently and within a team. I am always eager to take on new challenges, learn quickly, and contribute to innovative projects.

WORK EXPERIENCE

EVA Staff

Bucharest, RO

Intern

Jun 2024 - Aug 2024

- Learned how **to manage and organize** projects
- **Working in a team** and collaborating efficiently
- Implemented an **IoT solution to automate software processes** using programming languages like **Python**
- Gained hands-on experience in project management, IoT implementation, team communication, and software automation..

PERSONAL PROJECTS

Start Up GymShop - E-commerce website

HTML | CSS | JavaScript | Python - Django | SQL

- Developed a full-stack e-commerce platform for sports equipment
- Implemented user **authentication and session management**
- Implemented secure password handling using Django best practices
- **Applied HTML, CSS, and JavaScript** for responsive front-end design
- Utilized **Django and SupaBase** for **back-end** logic and database integration
- Demonstrated foundational skills in building scalable, secure web systems

Entity Resolution with Fuzzy Deduplication

Python | RapidFuzz | NetworkX | Pandas

- Developed a scalable **fuzzy deduplication** system for entity resolution
- Processed 33,000+ noisy company records into **~7,000 unique entities**
- Designed custom **similarity scoring** and blocking strategies to **improve performance**
- Applied **graph-based clustering** for accurate grouping of duplicate entries
- Achieved results without labeled data or pre-trained models (unsupervised approach)

EDUCATION

Bachelor of Industrial engineering and Robotics UNSTB - FIIR

Oct 2022 - Jun 2026

Specialization: **Industrial Informatics**

- Relevant coursework: algorithms, programming languages, robotics, neural networks, web technologies, and systems engineering.

SKILLS

- **Technical Skills:** Python, JavaScript, Java, HTML, CSS, C++, LabView, MATLAB, PHP
- **Languages:** English, Romanian
- **Soft skills:** Critical Thinking, Teamwork, Problem Solving