



OFELIA HĂNȚOIU

IT Student

CONTACT

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Emmen, Netherlands

[My portfolio](#)

SKILLS

- Software/Web Development
- UI/UX Design
- System Analysis
- Database Management
- Embedded Systems
- AI Integration
- Project Management
- Algorithm Design
- Information Security
- API Building

PROGRAMMING LANGUAGES & TOOLS

- Java (Proficient)
- HTML, CSS (Proficient)
- JavaScript (Intermediate)
- C++, C# (Intermediate)
- Python (Intermediate)
- PHP (Intermediate)
- TypeScript
- React
- MySQL, PostgreSQL
- GitHub, SCRUM
- Arduino, Raspberry Pi
- visionOS
- Unity (Foundation)

ABOUT ME

Enthusiastic IT student with hands-on experience in full-stack development and smart system integration. Passionate about building impactful, user-oriented applications. Known for fast learning, adaptability, and a proactive approach to solving technical challenges. Actively seeking an internship where I can contribute meaningfully and demonstrate my value in a real-world tech environment.

PROJECTS

Web-Based Augmented Reality Factory Simulation

Team Project (5 members) | University Coursework (Year 2)

- Full-stack Developer, AR Integrator
- Developed a web-based AR application overlaying interactive "AR bubbles" on a scaled-down smart factory model using Fishertechnik. Focused on immersive visualization to enhance industrial training and education.
- Built the application architecture and handled integration of AR components.

Result: Demonstrated enhanced learning and engagement during technical demonstrations.

Facial Recognition Smart Lock System

Team Project (5 members) | University Coursework (Year 1)

- Computer Vision Lead, Hardware Integrator
- Created a secure facial recognition door lock using Python, OpenCV, and Raspberry Pi. Led the development of the image recognition pipeline and model training.
- Integrated hardware modules and developed a user-friendly GUI for access control.

Result: Enabled real-time face-based access with high accuracy and robust interface.

AI Question Generator (Proof of Concept)

Team Project (5 members) | University Coursework (Year 2)

- AI Developer, System Integrator
- Built an AI-powered system for automating audit question generation and categorization for QVOX, a Dutch compliance consultancy.
- Integrated machine learning techniques to classify question types.

Result: Delivered a prototype capable of handling real-time input and organizing questions by regulatory topic.

EDUCATION

**NHL Stenden University of
Applied Sciences**

2023 - present

Bachelor of Information Technology

LANGUAGES

Romanian - Native

French - A1-A2

English - C2

Russian - A1

Dutch - Pre A1