

# Nikita Magzoumov

IT Student, intern developer

Available for a 6 months internship | Internship Schedule : 3 days at the company / 2 days at school until June, then full time at the office.

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## Skills

- Languages: Python, C, Rust, Java, C#, JavaScript, PHP, HTML, CSS
- Frameworks: React, Laravel, Next.js, NestJs, Express.js, React Native
- Tools/Envs: Git, Docker, Linux, Windows, Node.js, Python, Android

## Experience

### Research & Development Intern

ICUBE research laboratory | April - June 2025

- **Built** an automated pipeline in **Python** for the acquisition and processing of satellite imagery via the **Sentinel API** and **Google Earth Engine**.
- **Trained** classification models using **scikit-learn** and **cuml** libraries to identify and categorize agricultural parcels at scale.

## Projects

### Internship management platform for IUTRS

API REST (Nest + Express), DB (PostgreSQL), Responsive Web App (Next)

- **Designed and developed** a **responsive** web platform to manage the entire internship cycle for IUT students.
- **Implemented** a **REST API** and database to manage offers, tutor-student assignments, and educational follow-ups (messaging, documents).

### Logistics Planning Tool Níðhöggr

Desktop App with Tauri (React + Rust), Android Mobile App (React Native), Agile Project Management

- **Developed an application architecture** (desktop and mobile) for the sports department of the Eurométropole de Strasbourg, aimed at planning and securing sporting events.
- **Designed** a planning tool to assist with the installation/removal of equipment (barriers, blocks, etc.) on public roads.

### Private File Server (NAS)

Docker, Ubuntu, File Browser

- **Set up and administered** a home NAS server on an old PC running **Ubuntu**.
- **Containerized** key services (file management, streaming) via **Docker** to facilitate system development, deployment and maintenance.

## Education

### Bachelor of Technology in Computer Science

Robert Schuman IUT, Strasbourg 2023 – 2026

- Specialization: Software Development and Technical Project Management

## Languages

Russian (Native), French (C2), English (C1).

## Personal Interests

Sports (Football, Cycling mainly), Reading (currently reading Shadow Slave), Music (Shoegaze lately)