

ANDREI-STEFAN CÂRSTIAN

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EDUCATION

Politehnica University of Bucharest, Romania

Bachelor, Computer Science

October 2024 - July 2028

- Overall GPA: **9.43/10**
- Relevant Courses: Computer Programming, **Data Structures and Algorithms**, Computer Architecture

Warsaw University of Technology

ERASMUS Exchange Programme, Computer Science

October 2025 - February 2026

- Overall GPA: Ongoing Mobility

EXPERIENCE

Politehnica University of Bucharest

Student of Open Source Contributions Course, ROSEdu Organisation

May 2025

- Worked with **Github Workflows** and **Docker** containers to bring contributions to one of our courses' Github page.
- Configured a Workflow to automatically deploy PRs that bring changes to the Markdown files on the Course website.

PROJECTS

Self-Hosted NAS Server

July 2025

- Used a **Raspberry PI 4** and an external SSD to host a NAS Server on my home network using **OpenMediaVault**.
- Set up a **Domain Name** on my router and used **Wireguard VPN** to connect to my local network from anywhere and work on my device using **SSH Tunneling**.
- Used a **Tailscale** private network to access my remote disk using the **SFTP** protocol.

Image Processing Website

December 2024

- Python personal project that involved applying **linear algebra** in order to manipulate images, and **Flask** technologies to handle HTTP requests and respond with edited versions of uploaded images.

AWARDS

- Olympiad in Mathematics - Romania
 - * 2024, Municipal Stage - **16th best** in Bucharest
- FIRST Tech Challenge, Robotics Team Competition
 - * April 2023 - **Control Award 3rd place**

SKILLS

- **Basic:** C, Python

TECHNOLOGIES

- Linux, Git, Flask, Docker