Cristian-Theodor Drăgoi

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WORK EXPERIENCE

Centero – Software Engineer   **12 November 2023 - Present**

At Centero, my work focuses on:

- Configuring and updating Linux distributions, employing shell scripting, GRUB, and virtual machines.

- Enhance and develop software with C/C++, with a focus on facilitating the integration of hardware and software solutions.

Special Telecommunications Service Internship   **July 2023 - September 2023**

I implemented a security monitoring setup by installing a Wazuh agent on a Linux virtual machine, tracking activities via a Wazuh server in VirtualBox, and simulated cyber attacks using another Linux machine, alongside configuring an Apache server on the endpoint.

EDUCATION

Faculty of Automatic Control and Computers   **October 2020 - Present**
University POLITEHNICA of Bucharest   **(4th year)**

Summer Security School   **June 2023 –July 2023**
Bucharest (Hybrid)

I attended the Security Summer School's Binary Track at UPB, delving into binary exploitation. Topics covered exploration tools such as **GDB** and **Ghidra**, executables, static and dynamic analysis, buffer exploitation, shellcodes, defense mechanisms and information leaks.

Other educational activities:

- In November 2022, I had the privilege of participating in the BESTEM Hackathon, where I achieved the **second place**. The competition entailed creating a website and utilizing data from a database to create graphs.

- Attended **Rust** Workshop 2023 and developed a directory listing program with Rust and Cursive crate. Utilized std::fs library and unix-specific file type extensions for metadata and permissions.

- During the 2023 **Codette Hackathon**, I participated in the development of an application aimed at aiding individuals suffering from Alzheimer's disease, **which was awarded second place**. My contribution to the project involved implementing an artificial intelligence model within our web page that accurately describes the contents of an image uploaded by the user.