ROMANOIU ADRIANA-RENATA

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Education

University Politehnica of Bucharest   Oct. 2021 – July 2025
Automatics and Computer Science   *Bucharest, Romania*

National College of Informatics "Matei Basarab"   Sep. 2017 – June 2021
Baccalaureate grade: 9,63   *Ramnicu Valcea, Romania*

Relevant Coursework

- Data Structures
- Computer Programming
- OOP
- Databases
- Web Tehnologies
- Machine Learning
- Operating Systems

Projects

Notes App   February 2024
- Language: **Python**. GUI Framework: **Tkinter** / customtkinter. Database: **SQLite3**.
- Developed a **note-taking application** using Python with a graphical user interface (GUI) built using Tkinter/customtkinter frameworks.
- Provided the users with a platform to **create, manage, and organize** their notes efficiently. Implemented a **user registration system** with email functionality in the note-taking application.

Library Management   January 2024
- Technologies used: **C#**, .NET, **SQL Server**
- Developed a **library management system** utilizing SQL Server for **database management** and C# programming language with the .NET framework for **building the user interface**.
- Aimed to streamline library operations and enhance user experience through **efficient data management** and **intuitive interface design.**

Hilzer's BarberShop Problem   December 2023
- Technologies used: **Linux Debian Xenomai**, API C/POSIX.
- Implemented the Hilzer's BarberShop Problem on a Linux Debian platform utilizing the **C programming language** and **POSIX API**.
- Tackled the **challenge of efficiently** managing limited resources such as **time** and **the capacity of multiple barbers** to meet the demands of customers.

Weather App   December 2022
- Technologies used: HTML, CSS, **JavaScript**
- Implemented a Weather App utilizing HTML, CSS, and JavaScript technologies.
- Leveraged the **Weather API** to **fetch real-time weather data**, including temperature, humidity, and current weather conditions.

Extracurricular

ECDL PROFILE CERTIFICATE   November 2019
Module:
- Presentation, Word Processing, Computer Essentials, Spreadsheets, Using Databases

Volunteer Work: A.S. Poli   2021
Human Resources Department
- Involved in the recruitment process, which includes sourcing candidates, conducting interviews, and selecting suitable candidates to join the association.
- Organized training sessions and workshops to develop the skills and competencies of association members. These sessions may cover topics such as leadership development, communication skills, and team building.

Technical Skills

Languages:
Intermediate: C++, **Python**, **SQL**, HTML, CSS
Basic: C, Javascript, C#
Frameworks: .NET, Tkinter, API