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EDUCATION 🎓

Politehnica University of Bucharest

Bucharest, Romania

Faculty of Automatic Control and Computer Science

Oct 2022 [Expected] July 2027

Projects 🔄

🔄 Rock Market

Language: C++

- Engineered a comprehensive **Object-Oriented (OOP) management system for e-commerce**, integrating inventory, multi-role staff management, and a complex order processing pipeline.
- Implemented robust data validation (incl. legal CNP/age checks) and a performance-based salary model, leveraging **Lambda functions for advanced performance reporting**.

🔄 Lanparty

Language: C

- Automated multi-stage tournament management** using **Lists** for team filtering, **Queues and Stacks** for match simulation and elimination rounds.
- Generated final rankings by storing top teams in both a **Binary Search Tree (BST)** and an **AVL Tree**, demonstrating skills in balanced tree and custom sorting implementation.

🔄 Black-Jack

Language: Python

- Developed a fully functional, **console-based Blackjack game** utilizing Object-Oriented Programming (OOP) across specialized classes.
- Engineered core game logic**, including the dealers decision-making (hit until 17+) and dynamic Ace value adjustment, reinforced by comprehensive input validation.

🔄 Tindog

Language: Html/CSS/JavaScript

- Built a professional and fully responsive landing page using **Bootstrap 5 and CSS3**, ensuring visual consistency and **functionality across all mobile and desktop view-ports**.
- Focused on **User Experience (UX)** by utilizing **HTML5** semantic markup and integrating clear calls-to-action to drive user engagement.

Volunteer Experience 🧑🏻‍🎓

📅 Neversea Kapital / Neversea

2025

- Assisted with **event physical logistics**, including stage setup, equipment transportation, and inventory management for the festival operations team.

🧑🏻‍🎓 LSAC / Lanparty

2026

- Will support **Human Resources (HR) tasks**, staff coordination, and contributing to the overall strategic planning and organization of the annual event.

TECHNICAL SKILLS </>

Certificates: 🔄 View All Certifications

Basic : OOP, Data Structures (Lists, Queues, Stacks, BST, AVL), HTML5, CSS3

Intermediate : C++, Python, C, JavaScript, Java (Learning), SQL (Learning)