

RĂDNEANȚU MARIA-ELENA

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LEADERSHIP & WORK EXPERIENCE

Student Councilor – Faculty of Engineering in Foreign Languages (FILS) **March 2026 – Present**

- Represent the academic and administrative interests of over 1,500 students within the Faculty Council, actively participating in decision-making processes, curriculum feedback, and university policies.

External Relations Member – RoboForgers Robotics Club **October 2025 – Present**

- Spearhead fundraising initiatives and secure financial sponsorships from corporate investors to support the club's technical projects.

Event Organizer – Poli International Fest **May 2026**

- Coordinated logistics and operations for the grand final of the Hardcore Entrepreneur competition.

HSSIP-RO Intern – CERN, Geneva (European Organization for Nuclear Research) **June 2024**

- Analyzed massive data processing systems (Big Data) and critical infrastructures (ATLAS, CMS detectors), gaining exposure to enterprise-scale data operations.
- Designed and delivered an applied technical project, presenting data-driven results to a highly specialized audience.
- Engaged in hands-on computer engineering workshops, focusing on complex system architectures and technology integration.

PROJECTS

CortexBoard – Productivity Web Application | *Figma, UI/UX Design, HTML/CSS* **In Progress**

- Designed high-fidelity interactive prototypes and responsive wireframes in Figma, focusing on clean, minimalist user experiences.
- Developed the frontend architecture using HTML and CSS, successfully translating conceptual designs into fully functional and responsive visual layouts.
- Currently engineering the backend logic and integrating data structures to transform the static interface into a fully dynamic application.

UNISCHED – AI-Driven Scheduling Platform | *Tailwind CSS, HTML, JavaScript* **May 2026**

- Engineered the frontend architecture and built intuitive user interfaces, seamlessly integrating them with a Python-based AI backend.
- Designed and implemented the interactive dashboard and secure login flows, prioritizing intuitive UX/UI principles and clean layout structures.
- Leveraged Tailwind CSS to build a fully responsive, mobile-first design, ensuring pixel-perfect layout consistency across all screen sizes.

EDUCATION

POLYTECHNIC UNIVERSITY OF BUCHAREST **Graduation: June 2029**

Bachelor of Science in Computers and Information Technology at the Faculty of Engineering in Foreign Languages (FILS) – French Stream

- **Relevant Subjects:** Object-Oriented Programming, Data Structures and Algorithms, Database Systems, Linux & Operating Systems, Web Development.

CERTIFICATIONS AND AWARDS

Honorable Mention at the Student Scientific Communications Session, FILS – Recognized for the design and presentation of the UNISCHED platform, 2026

Project Management Ready – Project Management Institute (PMI), 2026

Web Programming 101 – Cisco Networking Academy, 2025

SKILLS

- **Technical skills:** Java, C, C++, Linux, HTML, CSS, Tailwind CSS, JavaScript
- **Tools & Platforms:** Jira, Confluence, Trello, Notion, GitHub, Excel, Figma
- **Soft Skills:** Creativity, Critical Thinking, Problem Solving, Adaptability, Negotiation
- **Spoken languages:** Romanian (Native), English (C2), French (B2-C1), Spanish (A2)