



ANNA MARITA-THURI

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<https://github.com/MaritaThuriAnna>

Computer science student seeking opportunities to leverage my technical knowledge and skills in a dynamic and challenging role.

EDUCATION

Liceul Teoretic "Báthory István"

[09/2017 – 06/2021]

High School Diploma

Field of study: Mathematics and Informatics with intensive German

UTCN Facultatea de Automatică și Calculatoare, CTI

[10/2021 – Current]

Bachelor's degree in Computer Engineering

WORK EXPERIENCE

Engineering Intern @ Emerson

Measurement & Monitoring Solutions Engineering Bootcamp

[07/2024 – 08/2024]

- Gained in-depth knowledge of pressure, temperature, and flow sensors through hands-on laboratory training on their design and functionality.
- Collaborated with the Germany team to assist clients in selecting the most suitable sensors for their projects and needs.

Waiter/Server

[08/2022 – 09/2022]

- Provided **wait service** to ensure an enjoyable dining experience for our guests.
- Took customer orders, delivered food and beverages, and offered menu recommendations.
- Welcomed and seated customers, prepared tables, and informed them about daily specials.
- Had the privilege of serving at **special events**, including a memorable wedding celebration.

CONTACT

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SKILLS

- Team Work
- Problem-solving
- Creativity
- C/C++
- Java
- Python
- SQL
- VHDL
- Assembly

LANGUAGES

- Romanian - Native Level
- Hungarian - Native Level
- English - C2 Level
- German - C1 Level

PROJECTS

Travel Buddy

[10/2023 – 01/2024]

- A **full-stack project** as part of my third-year laboratory coursework, aimed at providing exploration for individuals interested in discovering various destinations, providing information about those places, and enabling the booking of accommodations.
- The **frontend** was developed using **React** and **TypeScript** to create an interactive and user-friendly interface. Additionally, the project's **database** was designed using **MySQL**. Throughout the development process, I employed industry-standard tools such as **IntelliJ** and **Visual Studio Code**.
- For **backend**, I used **Java**, employing the **Java Spring** framework to connect backend and frontend components.

Smart Home Lighting System

[01/2024 – 01/2024]

- This **Arduino**-based smart home lighting system utilizes **RFID technology** to change the color of RGB LEDs based on scanned tags. It also incorporates a **motion sensor** (PIR sensor) to control lighting based on detected motion and includes a **light sensor** for adjusting brightness levels dynamically.
- The system offers an **interactive menu** displayed on an LCD screen, allowing users to select different lighting modes and configurations. The **code** was written in **C\C++**.

MMX Arithmetic Unit

[12/2023 – 01/2024]

- The project focuses on designing a **Multimedia Extension(MMX)** Arithmetic Unit using **VHDL** hardware description language and the **Xilinx platform**.
- The objective of this project is to implement six arithmetic operations from the **MMX x86 instruction set** using structural architecture, dissecting every one of them into its smallest functioning unit.

VOLUNTEERING

KMDSZ (Uniunea Studenteasca Maghiara din Cluj), Member

[09/2021 – Current]

- Managed **social media**, **communication** and **user interface design** for a **student card project**, called AKártya
- Participated in a **mentoring program**, enhancing my involvement and understanding of the organization's initiatives.

KMDT (Consiliul Elevilor Maghiari Cluj), Member

[09/2018 – 06/2021]

- Actively taken part in various **workshops** and **training sessions**, including **financial education**, **event planning**, and **image design**.
- **Organized events**, notably the KMDT Diáknapok, a five-day event held at the beginning of summer, where student teams engaged in **diverse challenges**, ranging from **sports** to **cultural activities**.