

# LUCA MIHAI-ANDREI

STUDENT

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## SUMMARY

Passionate about exploring fields like artificial intelligence, machine learning, and web development, with a keen interest in building efficient and scalable software solutions. Demonstrated ability to work collaboratively in teams, with strong problem-solving and analytical skills. Actively seeking opportunities to apply academic knowledge in real-world situations through internships, research, or entry-level roles in the tech industry.

## EDUCATION

### High School

Colegiul National "Matei Basarab"  
2020-2024

### University

University of Bucharest  
Faculty of Mathematics and Computer Science  
2024-Present

## SKILLS

- Programming Languages: C/ C++/ Python/ Assembly x86/ Java/ Bash
- Web Technologies: HTML/CSS/JavaScript/React.js/ Tailwind CSS
- Databases: SQL
- Data Structures | Algorithms | Git
- Team Work
- Adaptability and continuous learning
- Communication skills
- Time management
- Creativity
- Mathematical skills

## LANGUAGE

- Romanian ( native )
- English C1
- German B2

## EXPERIENCE

### "Miron Nicolescu" Mathematics Competition

02.03.2023

1st place, 23rd edition

### Eco-Math Project

28.04.2023

Completion of the work entitled "Pollution from Bucharest"

### Hacking Village Workshop powered by the Faculty of Information Systems and National Security

23.03.2024

### MateInfo UB - Mathematics Section

18.05.2024

4th place

### Stripe Hackathon 2024 - Participant

### I contributed to the development of the job fair website organized by the faculty association

- Technologies used: TypeScript , Next.js , NextAuth.js, i18next, next-i18next , Tailwind CSS, PostgreSQL, Prisma, Nodemailer

## VOLUNTEERING

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**I am a member of the Mathematics and Computer Science Student Association in the Management and Fundraising department, contributing to numerous projects within the university.**

## PERSONAL PROJECTS

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### **A website for sneaker enthusiasts: SneakersRo**

I developed a modern, fully responsive eCommerce website designed for sneaker lovers to explore, buy, and sell footwear. The platform provides a seamless shopping experience with essential features like cart functionality, user authentication, and a sleek, mobile-friendly design.

### **Assembly x86 Memory Simulator**

The task is to implement a storage management component in a simplified operating system.

### **AI-Powered News Application (Hackathon Project)**

Worked with two colleagues to develop a modern, AI-driven news application. The app utilizes AI to summarize news content and keeps its database updated through a custom web scraper. It delivers personalized news recommendations based on user preferences and evaluates sources and various metrics to generate a fact score for credibility assessment.