Ioan Tudor-Mihai

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PROFILE

An enthusiastic and innovative undergraduate student with a strong growth mindset, committed to continuous learning and self-improvement. Disciplined, perseverant, and adept at tackling challenges with a creative and solution-oriented approach. Passionate about programming and experienced in developing applications across diverse technologies. Seeking an internship or job opportunity to apply my skills, enhance my expertise, and further develop both technical and interpersonal abilities in a collaborative environment.

EDUCATION

2020 - 2024 **High School "Mihai Viteazul" National College** Ploiesti, Romania
Baccalaureate grade: 9.7 / 10

2024 - present **Bachelor of Computer Science** at Eindhoven University of Technology

WORK EXPERIENCE

9.2022 - 3.2023 **Internship** at University Politehnica of Bucharest

I worked with a team of teachers on contributing to a much safer embedded operating system than any other existent on the market. TockOS is an open-source operating system which could be used in the automobile industry and for consumer IoT devices because of its low energy consumption and incredible high security. Using Rust for developing this system ensures better memory management because of the language's compiler which is built specifically for this reason. I had the task of implementing drivers and APIs for different types of existing hardware.

4.2023 - 5.2023 **Internship** at Neurolabs

Neurolabs is an AI company based in London which focuses on image recognition. My task during this internship was to fine-tune ChatGPT on company's data resulting in a chatbot capable of answering any question about the company's intelligence, meetings, projects or code.

6.2023 - 8.2024 **Junior Researcher** at ,,Alexandru Proca" Center for Initiation
of Youth in Scientific Research

During my time at the ,,Alexandru Proca" Center I collaborated with Dr. Eng. Mirea Ignat on a research paper called "Research on planar transformers", an analysis on the properties and applications of the flat electrical transformer. The project received medals at national and international contests.

AWARDS

Competitions

2024	**China Adolescents Science and Technology Innovation Contest** *third place*	
2024	**WorldSkills Competition,** CAD section, second place	
2023	**Romanian Science and Engineering Fair,** second place	

Certificates

SAT	Superscore: 1530
CCNA1v7	Certificate taken in 2021
IELTS	Level C2
CAE	Level C2

SKILLS

Programming Languages

- Python, Java, Rust, C/C++

Industry Software Tools

- Linux, Git

Soft Skills

- Teamwork, Time Management, Adaptability

Languages

- Romanian (mother tongue), English (fluent), German (beginner)