PERSONAL INFORMATION

Ișfan Ștefan

Smirodava Street, Bl. 23A, Sc. B, Ap. 18, Roman, Neamţ.

0760982416

stefan.isfan@gmail.com

Github profile -stefanisfan (Isfan Stefan) (github.com)

Gender - Male | Date of birth - 24/11/2001 | Nationality - Romania

PROFESSIONAL EXPERIENCE

2024-present - Master's student at the Faculty of Physics of Alexandru Ioan Cuza University, Iași, specializing in Physics applied to smart technologies and communications.

- Main subjects studied: Computer Systems Programming, Data Communication Technologies, Advanced Computer Networking, Data Acquisition and Virtual Instrumentation, Machine Learning and IoT.

2021-2024 - Student at the Faculty of Physics of Alexandru Ioan Cuza University, Iași, specializing in Computer Physics.

- Main subjects studied: Mechanics, Thermodynamics, Molecular Physics, Optics, Electricity, Nuclear Physics, C, C++ and Python Programming, Computer Networks, Operating Systems and Physical Data Processing and Numerical Methods.
- In my second and third year of college, I participated in the "Researchers' Night" project as a volunteer within the Faculty of Physics.

EDUCATION AND TRAINING

Computer technician

2017-2021 - "Vasile Sav" Technological High School, Roman, Neamţ.

- General technologies in electronics and automation, Electronics and technical measurements, Fundamentals of analog electrical engineering, Fundamentals of digital electrical engineering, Electrical installations, Applied electronic circuits, Analog electronic circuits, Digital electronic circuits, Electronic measurements, Assembling personal computers, CDL - Programming environments on electronic platforms, Operating systems and applications for intelligent terminals, Security of computer systems and networks, Operating systems for servers, CDL - Programming environments on electronic platforms and Internship - Local computer networks.

PERSONAL SKILLS

Mother tongue: ENGLISH

Foreign languages known

	UNDERSTANDING		SPEAKING		WRITING
	Obedience	Reading	Join the conversation	Oral speech	
English language	B2	B2	B2	B2	B2

- Good communication skills acquired during college, in seminars, laboratories and practical activities;
- Carrying out projects and laboratory work in a team;
- Communication in a modern language;
- Critical thinking and problem solving;
- Managing interpersonal relationships;
- Professional career development;
- Numerical data processing;
- Starting a business.

Digital skills

- Good knowledge of using Microsoft Office™ tools;
- Content creator – Video editing;
- Building a computing system;
- Maintenance of computer systems and computer networks;
- Installation of operating systems and specific programs for workstations;
- Computer networks;
- Network operating systems;
- Security of computer systems and computer networks;
- Physical data processing and numerical methods;
- Linux operating systems;
- Algorithms – C/C++ language;
- Parallel computing – Python and Intel C++;
- LabVIEW programmer with experience in graphical programming and data acquisition.

General technical skills and abilities

- Production planning and organization;
- Quality assurance;
- Design elements;
- Occupational health and safety;
- Motion transmission systems;
- Use of CAD applications;
- Manufacturing systems and technologies;
- Measurement techniques in the field;
- Planned maintenance;
- Automation systems;
- Electric drive systems;
- Electrical circuits;
- Electronic circuits;
- Mechanical assemblies;
- Defect detection.

Driving license

- Category B

ADDITIONAL INFORMATION

Projects

- Developing a scientific calculator in C++ (stefanisfan/scientific-calculator-c-plus-plus (github.com));
- Developing a quiz game in Python with 18 questions - mathematics, physics and computer science (stefanisfan/quiz-game-python (github.com));
- File organizer in Python (stefanisfan/file-organizer-python (github.com));
- Bachelor's thesis (UAIC Physics) – Determination by numerical methods of the permittivity of thin layers in capacitors with different geometric configurations (stefanisfan/capacitor-permittivity-simulation: Simulation project for my bachelor's thesis on determining the permittivity of thin layers in capacitors with different geometrical shapes using numerical methods (C/C++));
- Adding the book - Databases [PHP, MySQL, HTML and CSS] (stefanisfan/book-addition-web-project: A web development project that allows users to add book entries using PHP, MySQL, HTML, and CSS.);
- Video game store management system – C++ Project (stefanisfan/video-game-store-management-system).