



Andrei-Laurentiu Neculai-Mirea

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Date of birth: 15/12/2006 **Place of birth**: Slobozia, Romania **Nationality**: Romanian

EDUCATION AND TRAINING

[15/09/2022 – Current] **Highschool student**

Colegiul National "Mihai Viteazul" <https://cnmvslobozia.ro/>

City: Slobozia | **Country**: Romania | **Field(s) of study**: Information and Communication Technologies: • *Information and communication technologies not elsewhere classified*

I study the intensive mathematics-informatics programme and thus I will take the Baccalaureate exam at the following subjects: Romanian, Mathematics and Informatics.

[15/05/2023 – 19/07/2024] **Student Pilot**

Aeroclubul Romaniei <https://aeroclubulromaniei.ro/>

City: Bucuresti | **Country**: Romania

WORK EXPERIENCE

Colegiul National "Mihai Viteazul"

City: Slobozia | **Country**: Romania

[10/10/2022 – 01/01/2025] **Lead programmer at my school's robotics team**

I led the programming department in a robotics team that participated in the FIRST Tech Challenge competition. During our participation in this contest I gained valuable knowledge about how to lead a team and work effectively within one and how to code in Java using OOP concepts. Our greatest achievement was reaching the national stage of the competition in 2024.

Aeroclubul Romaniei

City: Bucuresti | **Country**: Romania

[15/05/2023 – 15/11/2025] **Pilot at Romanian Airclub**

I was admitted to the Romanian Airclub's pilot training programme after passing multiple theoretical examinations. Throughout the training, beyond acquiring the competencies required for solo flight, I developed strong teamwork abilities and learned to develop unconventional coding projects to solve various problems in aviation and related fields. Upon completing the programme, I was selected for the National Flying Team, representing the Romanian Airclub in national competitions.

CONTESTS

National Olympiad of cybersecurity 2025 - national stage - honorable mention

National Olympiad of cybersecurity 2025 - county stage - first prize

InfoEducatie Olympiad 2024 - national stage - silver medal

National stage of FTC tournament (FIRST Tech Challenge) 2023-2024

InfoEducatie Olympiad 2023 - county stage - first prize

InfoEducatie Olympiad 2023 - national stage

InfoEducatie Olympiad 2024 - county stage - first prize

Olympiad of cybersecurity 2024 - county stage - second prize

National Olympiad of Informatics 2024 - county stage

Regional stage of FTC tournament (FIRST Tech Challenge) 2022-2023

SKILLS

Good programming skills (C, Python, Java, C++) | Installing and operation of Microsoft XP, Windows 7,8 & 10 MS-Office | Linux (main OS) | Linux (Command line, user level and os knowledge) | Mobile Development | Linux (Server) | Linux (Terminal Commands, Bash/Shell) | • Cyber security | GIT version control, Linux Command | Version Control System (Git) | Linux - Kali, Ubuntu, Fedora | Pentesting tools

PROJECTS

[15/04/2024 – 30/07/2024]

Clear2Go

Clear2Go is a mobile application that provides an auxiliary method of communication between air traffic controllers and pilots in airspace class G. Originally, the software was developed for the Android platform, later a web interface being added to expand the range of devices on which it can be used. The program has two types of users: Pilots and Controllers. A pilot (with an assigned plane) presses a button through which a clearance is requested for a specific phase of a flight and receive the response with an intuitive color-coded system. The ATC receives the clearance request, observe where the plane is (through the gps location tracking) and can accept/deny the request case in which the pilot will receive a green/red light.

Link: <https://github.com/th3mujd11/Clear2Go>

OTHER

Erasmus+ VET in mobile development

In June 2025 I participated in the Erasmus+ mobility organized by my highschool, which took place in Sevilla, Spain where I participated in a course about mobile development. This course was held by V-ART Escuela Audiovisual, where I learned how to develop android apps using Java. This learning experience also helped me improve my teamwork skills and exercise my creativity, as my colleagues and I had to help each other during classes.

Hacking workshops

During 2023-2024, I participated in workshops and seminars organized by members of the .hidden hacking team (<https://dothidden.xyz>), both online and at Ionel Perlea High Schools of Arts in my hometown. Through these experiences I grew my knowledge about cybersecurity and formed connections with people that help me whenever I need their help with new things.

CERTIFICATIONS

[Romanian CAA(Autoritatea
Aeronautica Civila Romana)]

Class 2 medical certificate

[Camebridge University Press
&]

Camebridge advanced english certificate

[Security Summer School -
Universitatea Națională de
Știință și Tehnologie
POLITEHNICA București]

Web Security Track Certificate

[ANCOM]

Certified Radio Operator (CRO)

[Aeroclubul Romaniei]

Ultra Light Motorised Aircraft License

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HOBBIES AND INTERESTS

Flying

Since I was very young I aspired to flying and when I was able to do that i took the opportunity.I was selected by Romanian Airclub and started flying.

I love doing that and i want to get more advanced licenses.

Programming

Started coding in 8th grade with Arduino then moved to algorithms in C++ in 9th grade.Also I entered robotics field and started programming in Java for FTC.Later in 9th grade i started coding in Python for cybersecurity contests-CTFs.

Playing guitar

DRIVING LICENCE

Motorbikes: AM

Cars: B1

Cars: B