



# Andrei-Laurentiu Neculai-Mirea

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**GitHub:** <https://github.com/th3mujd11>

**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://cnmvslobia.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) ]

[ Cambridge University Press & ]

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

[ ANCOM ]

### Web Security Track Certificate

### Certified Radio Operator (CRO)

[ Aeroclubul României ]

### 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