

# Macovei Rares-Stefan




✉ [raresmac1@gmail.com](mailto:raresmac1@gmail.com)    [Rares-Stefan Macovei](#)  
 <https://github.com/raresmac/>



## Employment History


Feb 2024 - May 2024    **Junior Developer**, rinf.tech

## Education



- 2021 – 2024    **Bachelor's, Alexandru Ioan Cuza University of Iasi** in Computer Science.  
Thesis title: *Developing Psychological Games in Virtual Reality Designed to Improve the Player's Mental State.*
- Feb 2023 – Jun 2023    **Erasmus exchange, Klaipėdos valstybinė kolegija** in Computer Science.  
Student exchange program for one semester
- 2017 – 2021    **Mihail Kogalniceanu Highschool** in Real Sciences.

## Projects



### Mobile

2024    **PaintGuesser**, Art guessing app for Android. Written in Unity.


### Python

- 2023    **PyChess**, A chess app with GUI written in basic Python (no pygame or other libraries).
- 2024    **ScanItUp**, An OCR document scanner utility



### C++

- 2021    **Electronic Circuits**, GUI app for creating electronic circuits.
- 2020    **Blackjack**, Command line game of Blackjack.


### Web

2023    **Word Guesser**, A web clone for Wordle written in PHP and Javascript.


### C#

- 2023-2024    **XueBug**, A sound mod for a video game called Lethal Company. Programs used were ILSpy, Unity and Audacity.
- 2024    **AutoPlants**, An auto-battler videogame inspired by Plants vs Zombies. Written in Unity.


### VR

2023-2024    **Memento Vivere**, VR game for improving your body and mind.









### C

2022    **Reads Profiler**, Server and client software for creating a public library and receiving personalized recommendations.

## Projects (continued)

2023      **Yacc Compiler**, A custom yacc compiler for C.

## Skills

Languages		C1 level in reading, writing and speaking for English. Wikipedia translator from English to Romanian with over 25 contributions: Wikipedia:Raresmac. Native Romanian speaker. A1 in Italian.
Coding		Python, C#, C++, Java, R, $\LaTeX$ , ...
Databases		PostgreSQL, MySQL
Web Dev		PHP, HTML, CSS, JavaScript.
Data Science		Tensorflow, numpy, pandas
Game Dev		Unity, Unreal Engine, GameMaker Studio
VR		Unity, Wonderland
AI		Stable Diffusion, OpenAI


## Miscellaneous Experience


### Awards and Achievements

2021-2024      **Department Grant for Merits**, Alexandru Ioan Cuza University.

2018      **Bronze Medal**, Computer Science Olympiad, National level.

### Certification

2023      **Certified C# Beginner**. Awarded by LinkedIn.

2020      **Certified C++ Beginner**. Awarded by SoloLearn.

### Volunteering

2021-2022      **ASII - Student Association of Computer Science Iasi**. Public Relations & Media

2020-2021      **United Nations Youth Association Romania**. Public Relations Specialist