

ANDREI-CEZAR ȘTEFĂNESCU

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EDUCATION

National University of Science and Technology POLITEHNICA
Computer Science Engineering

Bucharest
Oct 2023 - Jun 2027

IBM Romania
Introduction to SAP

Bucharest
Oct 2025 - Jan 2026

EXPERIENCE

Private tutoring

February 2026

Currently organising private, paid tutoring sessions for Computer Science university admission, as well as for mathematics and romanian literature for the final exam with 12th grade students.

Metaverso Digitale

August 2025-November 2025

Worked as a **full-stack developer**. Achieved the following:

- Single-handedly designed a **fully-featured, fully-autonomous internal call center application** from scratch using `Node.js`, `Vue.js`, `MariaDB`, `Google Maps API`.
- Pair-programmed a news website from scratch, written in `Vue.js`, `Angular`, `Wordpress REST API`, `Node.js`, in only two weeks. **timesromania.eu**
- Redesigned a nation-wide popular website that has been running since 1998, from the ground up using `Vue.js`, `Wordpress REST API`, `Node.js`. Deployed the website using `cPanel`. **revistaromaniamare.ro**
- Designed a fully automatic streaming server using `Node.js`, `FFmpeg`, `AutoHotkey`, `Squid proxy` that aggregates public, copyright-free streams and restreams them to YouTube, in order to increase their reach and visibility.
- Collaborated with a team from **Porsche Finance Group Romania** to implement a finance calculator for **SAB Auto**. **sabauto.ro**
- Improved SEO for Egerom Production S.A. Also provided valuable Wordpress consultation. **egerom-discount.ro**
- Improved RGN Press Wordpress frontend design. **rgnpress.ro**

Skywind Live

July-August 2025

Worked as an online casino dealer.

Lenovo Summer School

July 2024

Learned REST APIs, Docker, Express, Node.js, MongoDB.

SKILLS

Backend technologies:	Bash, Docker, Node.js, Express, MariaDB, MongoDB, SQLite, Wordpress, cPanel
Frontend technologies:	Vue.js, Angular, React Native
Other technologies:	SSH, Rsync, FTP, VIM, $\text{\LaTeX}$
Operating systems:	Linux, Windows
Foreign languages:	English - C2, French - B1

PROJECTS

Personal website

andreistefanescu.com

I've been hosting my personal website on a Debian Linux server since I was in high school, and it has proved very useful. I use the website for file sharing, compute and hosting my personal projects.

Friendr

github.com/andrewstephengames/friendr

Lightweight social media app written during the Lenovo Summer School.

PicoPlay

github.com/andrewstephengames/picoplay

Retro game console based on the Raspberry Pi 2W microcontroller, inspired by my earlier projects.

Star Wars: Exit the Empire

https://github.com/Florian6524/StarWars-ETE-3D

Teamed up with one of my friends to create a 3D game in OpenGL. The Rebel base has been found and 20 Star Destroyers are blocking your way. You are the only hope of the galaxy. Since now you know the one critical flaw of the Death Star, you have to fly and destroy all Tie Fighters in your way and blow up the Galactic Battle Ship, saving the whole Galaxy from the wrath of the Empire!

Retro Heroes

andreistefanescu.com/retro-heroes

2D turn-based 2-player RPG game written in C++. In the game, two heroes fight one another with three abilities: attack, heal and special attack. The goal of the game is to outwit the other player with your abilities.

Pixper

andreistefanescu.com/pixper

2D singleplayer puzzle game written in C. The player spawns in a peaceful world full of apples and bombs, but is followed constantly by a sad enemy wishing to blow him up. The point of the game is to eat all of the apples in the world and survive.

AWARDS

2nd place

Student Scientific Communications Session

As part of a team of 2, me and a friend were awarded for creating a 2D RPG game in C++ that runs on the web. May 2024

2nd place

National Contest of Science and Technology

Awarded for creating a 2D puzzle game that combines fun graphics with classical music. June 2023

3rd place

American Embassy Student Debate Competition

As part of a team of 3, we debated means to combat human trafficking. April 2023

CONTESTS

NXP Cup

As part of a team of 3, we designed a self-driving car capable of completing an intricate maze-like race track. April 2025

BEST Engineering Marathon

Teamed up with 2 of my friends to design a VPN from scratch in 24 hours. December 2023

Cloudflight Coding Contest

Took part three years in a row. October 2023, April 2024, October 2024, November 2025
Achieved top 10 in 2025.

VOLUNTEERING

Roboforgers Club

Been a member of the robotics club since 2023, and took part in projects, contests and fun activities together. Roboforgers is a very warm, welcoming team of passionate students, willing to push themselves to build robots.

October 2023 -

Poli International Fest

Took part in the event by partaking in the various workshops presented, helping with logistics and guiding visitors. March 2025

RoboFest 2024

Guided visiting high school students who wished to learn more about our robots. Novemeber 2024

Teaching

During 12th grade I started teaching mathematics and computer science to fellow boarding school students, aiding them where school was not enough. Continued doing so during my 1st year of college. 2022-2024

PoliFest 2024

Helped with logistics, presenting robots and guiding visitors. April 2024

National Olympiad of Information Technology

Member in the Technical Commission for the C# section, county level, which took place in the high school that I graduated from. Helped optimise computers and helped install required software for the contest. April 2023

HOBBIES

Gym

I love going to the gym, as it's one of the few places where you receive exactly the effort that you give. Also

helps keep me motivated with the day to day.

Gaming

I really enjoy playing video games in my free time, whether with my friends or by myself. My favourite game is Minecraft, and I really enjoy it because of the creativity it offers. I initially got into programming because of the games I played, as I wanted to create my own.

History

I'm quite fond of history, and I enjoy reading about various time periods, and how they relate to today. When I was younger I also took part in history contests and created short historical videos. One prime example is a video celebrating the 100th anniversary of the Great Union of Romania, which ended up in a local newspaper.