Raul-Andrei Pop

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Education

Bachelor's degree - Diploma in Mathematics and Computer Science **current GPA: 4.0**

Ecole Polytechnique Paris - bachelor of science class of 2027, enrolled September 2024, **Graduating in July 2027**

High school diploma **GPA 9.99/10**

International Computer High School of Bucharest - Computer Science olympiad class of 2024

Additional trainings and learning experiences

Jane Street First-Year Trading and Technology Program 2025

Stanford Supervised Machine Learning online course - **Certificate of completion**

JetBrains Algorithms and Code Training School 2024

Osijek Competitive Programming Camp (Winter 2024 in Osijek and summer 2025 in Bucharest)

Work Experience

Helbako Electronica SRL *June 2023 - February 2024*

Software Developer

- Created Jenkins pipelines using Groovy scripts; standardized project deployment
- Developed Python scripts to automate file handling
- Gained experience with AUTOSAR standards and MISRA coding standards

Ecole Polytechnique Bachelor Math Committee (BMX)

Leadership Board — Competitions Organiser *September 2025 - present*

- I am in charge of organising various math competitions throughout the year (logistics, questions, evaluation)
- Developed a local server that graded and displayed live standings for the participants of our Estimathon
- Helped the team organise a seminar with 100+ people in the attendance

Teaching

Polytechnic University of Timisoara *May 2023 - August 2023 & July - August 2024*

Algorithms course teacher (teaching in partnership with the University)

- Organised and taught the algorithms summer course (7 sessions 4 hours each, in 2023 and 2024)
- Helped organise a practice contest for ICPC
- Taught graph theory lessons for an advanced algorithms class of 1st year university students (I was in 11th grade at this time)

Upper School

Informatics Teacher *September 2024 - June 2025*

- Taught olympiad level Informatics and Competitive Programming

Personal Projects

HackUPC 2025

Travel Reunion Planner

- Tool that finds the most efficient set of flights for several people to meet, based on some configurable factors
- Integrated an LLM to interact with the users and compute sentiment analysis-based preferences

Personal Website

- Developed a website to document my journey and promote the services I provide
- The site can be found at raulandreipop.co

Competitive Programming and Mathematics achievements

2024 ICPC Southwestern Europe Regional Contest (SWERC) - **21st place**	*December 2024*
Romanian Artificial Intelligence Olympiad - **top 20**	*July 2024*
National Informatics Olympiad - **Gold medal**	*April 2024*
International Zhautykov Olympiad - **Silver medal (Informatics)**	*January 2024*
International Informatics Olympiad in Teams - **Gold medal / 1st Prize**	*May 2023*
National Mathematics Olympiad - **Bronze medal**	*April 2022*
Codeforces max rating: **2143 (Master)**	*October 2024*
Meta HackerCup 2023 and 2024 - **Qualified for the second round**	

Technical Skills
Python(NumPy, Pandas, PyTorch, Matplotlib, Asyncio), C++ (OOP, DSA, templates), Java, LaTeX