

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

Student Representative

- actively participating in the Academic Council and advocating for improvements
- working with the Computer Science department to improve the grading system and other academic aspects
- Organizing half-semester course review and presenting student feedback to the professors

Coursework [Advanced Python](#), [C++ OOP](#), [Rocq prover](#), Linear Algebra I,II, Probability and Statistics, [Econometrics](#)

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

GPA: 9.99/10

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

Databricks - Incoming Intern (Full time in Berlin July-September 2026)

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

- Developed a local server that graded and displayed live standings for the participants of our Estimathon
- Helped the team organise seminars with 100+ people attending

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 an ICPC practice contest
- Taught graph theory lessons for an advanced algorithms class of 1st year university students

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

Chess engine [[source code on github](#)]

- Developed a chess engine in C++ as a semester project for an Object Oriented Programming class
- The bot has 2100 ELO and can be found on lichess [here](#).

Competitive Programming and Mathematics achievements

2025 ICPC Southwestern Europe Regional Contest (SWERC) - **17th place**

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++ (STL, OOP, DSA, templates), Java, LaTeX

Sports National Karting Champion in 2013, 2017 and 2019