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 haiducunarcisa@yahoo.com

 Bucharest, Romania

SKILLS

- Mathematica
- Origin
- LaTeX
- Microsoft Office
- Cadabra
- Python

LANGUAGES

- Romanian - Mother tongue
- English - Fluent
- Italian - Beginner

NARCISA-DIANA HAIDUCU

PHYSICIST

EDUCATION

M. Sc. Theoretical Physics October 2024 - June 2026
University of Bucharest

CERN - SEENET-MTP - ICTP School June 2024

- School on Field Theory and Applications in HEP

B. Sc. Physics October 2021 - June 2024
University of Bucharest

- Calculation of Casimir elements for the Poincaré Group using Cadabra

High School Diploma September 2017 - June 2021
"Ion Neculce" National College

EXPERIENCE

3Nano-SAE Research Center Summer Internship

July 2022 - September 2022

- Hysteresis curves for hydrogen fuel cells.
- Data analysis for AFM images

Department of Theoretical Physics in IFIN-HH Summer Internship

July 2024 - September 2024

- Category Theory
- Zermelo-Fraenkel Axioms

HONORS / ACHIEVEMENTS

- 3rd place in the National Championship for Javelin Throw

FUTURE INTERESTS

Plans for continuing my education involve learning about General Relativity and String Theory and developing my mathematical skills by studying Topology and Differential Geometry.