CURRICULUM VITAE
Nicoleta Dumitru

PERSONAL DATA

- **Born**: December 3, 1998, Tulcea, Romania
- **Citizenship, nationality**: Romanian
- **Email address**: nicoleta.dumitru@my.fmi.unibuc.ro
- **Web page**: `https://cs.unibuc.ro/~ndumitru/`
- **Affiliation**: Research Center for Logic, Optimization and Security,
  Faculty of Mathematics and Computer Science,
  University of Bucharest

EDUCATION

- **Ph.D. student in Mathematics** (2023 - present)
  - University of Bucharest, Romania
  - Proposed topic: *Quantitative Results in Optimization*
  - Advisor: Laurenţiu Leuştean
- **Master of Science** (2020 - 2022)
  - Faculty of Mathematics and Computer Science, University of Bucharest, Romania
  - Programme of Study: *Advanced Studies in Mathematics*
  - Thesis title: *(Post-)Quantum Cryptography*
  - Advisor: Mihai Prunescu
- **Bachelor Degree** (2017 - 2020)
  - Faculty of Mathematics and Computer Science, University of Bucharest, Romania
  - Programme of Study: *Applied Mathematics*
  - Thesis title: *Attacks on the RSA Cryptosystem* (in Romanian)
  - Advisor: Cătălin Gherghe
- **High School** (2013 - 2017)

- "Grigore Moisil" Theoretical High School, Tulcea
- Study Profile: Science
- Field of Study: Mathematics - Computer Science

EMPLOYMENT

- **October 2023 - present**: Teaching Assistant (*"Asistent universitar"*), Department of Computer Science, University of Bucharest
- **February 2022 - January 2024**: Administrative Specialist, University of Bucharest, Romania
- **July 2021 - December 2021**: Specialist, University of Bucharest, Romania
- **March 2021 - May 2021**: Mathematics Teacher, "Liviu Rebreanu" Elementary-Middle School, Sector 3
- **August, 2019 - November 2019**: Intern - Analist junior, SC Pikao Software S.R.L.

ADMINISTRATIVE DUTIES

- **2017 - 2021**: Student Member of the Council of the Faculty of Mathematics and Computer Science, University of Bucharest

TALKS

- **Seminar Talks**
  - LOS/IMAR/ILDS Logic Seminar, Bucharest, March 07, 2024
    `https://ilds.ro/logic-seminar/`
  - LOS/IMAR/ILDS Logic Seminar, Bucharest, February 22, 2024
    `https://ilds.ro/logic-seminar/`

RESEARCH PROJECTS

- **June 2024 - present**: Member of *Privacy-preserving-distributed-cyberthreat-analytics (PATTERN)*, a CHIST-ERA project (2024 - 2027),
  `https://chistera-pattern.github.io/`
- **December 2023 - present**: Member of EuroProofNet (European Research Network on Formal Proofs COST action CA20111), Working Group 4: Libraries of Formal Proofs, `https://europroofnet.github.io/`

PROFESSIONAL ACTIVITIES

- **Member of**:
  - Association for Symbolic Logic (2023 - present)
    `https://aslonline.org/`
- **Member in the Organizing Committee of**:
  - *MateInfoUB* Contest, Faculty of Mathematics and Computer Science, University of Bucharest, Romania, May 2024,
    `https://fmi.unibuc.ro/concurs-mateinfoub-2024/`
  - Working Formal Methods Symposium – FROM 2023, Bucharest, Romania, September 21-22, 2023, `https://from2023.cs.unibuc.ro/`
  - *MateInfoUB* Contest, Faculty of Mathematics and Computer Science, University of Bucharest, Romania, May 2023,
    `https://fmi.unibuc.ro/concurs-mateinfoub-2023/`
  - *MateInfoUB* Contest, Faculty of Mathematics and Computer Science, University of Bucharest, Romania, May 2022,
    `https://fmi.unibuc.ro/concurs-mateinfoub-2022/`
  - *MateInfoUB* Contest, Faculty of Mathematics and Computer Science, University of Bucharest, Romania, May 2021,
    `https://fmi.unibuc.ro/concurs-mateinfoub-2021/`

PARTICIPATION IN ACADEMIC EVENTS

- **Participations**
  - 9th Regional Summer School on Applied Mathematics (Sinaia, Romania, July 10-18, 2024), `http://bit.ly/3SfoLcl`
  - Deep Blockchain Fundamentals Workshop 2024 (Bucharest, Romania, May 12, 2024), `https://ilds.ro/pisquared-ilds-blockchain-workshop/`
  - ILDS-FMI Coq and Lean Autumn School 2023 (Bucharest, Romania, September 18-20, 2023), `https://events.ilds.ro/autumnschool2023/`

TEACHING

- **At the University of Bucharest**

- *Cryptographic Protocols*, 3rd year tutorial, Spring Semester, 2023-2024
- *Mathematical Logic*, 1st year tutorial, Spring Semester, 2023-2024
- *Advanced Cryptography*, 1st Master's year tutorial, Winter Semester, 2023-2024

LANGUAGE SKILLS

Romanian (Native)

English (Professional working proficiency)

German (Elementary proficiency)