Navid Rashidian

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Education

Sharif University of Technology   *Tehran, Iran*
MSc in Computer Science   *2024 – present*
Supervisor: Kasra Alishahi
- Current GPA: 18.36/20
- Courses: Computability Theory, Bandit Algorithms, Advanced Algebra, Applied Stochastic Processes, Probabilistic Methods in Combinatorics, Descriptive Complexity, Real Analysis, Cryptography

University of Tehran   *Tehran, Iran*
BA in Philosophy, Minor in Mathematics   *2020 – 2024*
- GPA: 18.63/20

Teaching Experience

Introduction to Logic (for CS students)   *University of Tehran*
Teaching Assistant to Prof. Majid Alizadeh   *Spring 2024*
- Designed and graded problem sets and exams
- Held weekly problem solving sessions
- Presented a series of five mini-lectures on the history of logic (slides available [here](#))
- Wrote 'Common Mistakes' reports on homework and quizzes

Introduction to Logic (for CS students)   *University of Tehran*
Teaching Assistant to Prof. Majid Alizadeh   *Spring 2021*
- Designed and graded problem sets and exams
- Held weekly problem solving sessions
- Collaborated in generating test cases for coding project

Middle School Math   *Helli 3 Middle School*
Assistant Teacher   *2019–2020*
- Designed course notes, homework and exams
- Taught several subjects in the classroom
- Held a multi-session workshop on logic

Presentations

2. **Proof: a thematic history**, 2024, *University of Tehran, Introduction to Logic course*: A five-session talk on how different conceptions of proof evolved through history addressed to undergraduate students enrolled in the Introduction to Logic course by Prof. Majid Alizadeh. Topics discussed included proof and logic in ancient Greece, the algebra of logic tradition, Frege's logicism and *Begriffsschrift* and Hilbert's program. (Slides are available [here](#).)

1. **Peano's Axioms**, 2021, *University of Tehran Student Association for Mathematics*: An expository talk on Peano arithmetics, μ-recursive functions, and Tennenbaum's theorem aimed at undergraduates.

Reading Groups

Fourier Analysis on Number Fields   *2024*
Reading group organized by Negin Shadgar (UBC) at the University of Tehran, focusing on Ramakrishnan and Valenza's *Fourier Analysis on Number Fields*.
- Presented topics on profinite groups, pro-p groups, and unitary representations.

Extracurricular Courses

Elliptic Curves *Spring 2024*
Graduate course at University of Tehran, instructed by Amir Ghadermarzi.

Mathematical Structuralism à la Grothendieck *2020-2022*
Informal course on category theory, instructed by Amir Akbar Tabatabaie.

Intuitionistic Logic and λ-calculus *Spring 2020*
Graduate course at University of Tehran, instructed by Majid Alizadeh.

Workshops Attended

Preliminary Arizona Winter School 2024 *Autumn 2024*
Participated in the "Local Fields" course by Catherine Hsu, organized by The Southwest Center for Arithmetic Geometry.

ESSLI2022 *Summer 2022*
Workshop organized by the Association for Logic, Language and Information (FoLLI).

First Annual Spring School of the Iranian Association for Logic *Spring 2020*
Courses included "The Forcing Method" (Mohammad Golshani and Rahman Mohammadpour), "Functional Interpretation" (Paulo Oliva), "Duality Theory" (Nick Bezhanishvili), and "Formal Theories of Truth" (Ali Enayat), organized by the Iranian Association for Logic.

Awards and Achievements

- **7th place** in nationwide MSc entrance exam in Computer Science (covering algorithms and data structures, theory of computation, logic and set theory, graphs and combinatorics and background knowledge in mathematics), 2024, Iran.

- **1st place** in nationwide MA entrance exam in Philosophy, 2024, Iran.

- **Gold Medal** in the Iranian National Persian Literature Olympiad for high-school students, 2018, Iran.

Community Service

President *June 2023 – Sept 2023*
Student Association for Philosophy, University of Tehran
- Organnized various multi-session workshops
- Founded and organized student lecture series

Translations

3. Dana Mackenzie. (forthcoming) *Jahan dar sefr kalame: Dastan-e riyaziyat angune ke ba mo'adele-ha bayan mi-shavad (Universe in zero words: The Story of mathematics as told through equations)*. Tehran: Nashre Now.

2. Lars Svendsen. (2025) *Falsafe-ye azadi (A Philosophy of freedom)*. Tehran: Nashre Now.

1. Hilary Putnam. (2022) Ķaziye-ye Craig (Craig's Theorem) in Kaave Lajevardi (ed.) *Hilary Putnam: Montakab-e makalat-e falsafi-ye karn-e bistom (Hilary Putnam: A Selection of philosophical articles from the 20th century)*. Tehran: Nashre Now.

Skills

Programming Languages: C++, Python, Bash

Technologies: Arduino, FreeRTOS

Tools: LaTeX, Git

Languages: Persian (Native Speaker), English (Bilingual), Arabic (Intermediate Reading), German (Basic Reading)