

Navid Rashidian

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Education

Sharif University of Technology

MSc in Computer Science

Tehran, Iran

2024 – present

Supervisor: Kasra Alishahi

- Current GPA: 18.20/20
- Courses: Computability Theory, Bandit Algorithms, Advanced Algebra, Applied Stochastic Processes, Probabilistic Methods in Combinatorics, Descriptive Complexity, Real Analysis, Cryptography

University of Tehran

BA in Philosophy, Minor in Mathematics

Tehran, Iran

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

- Organized 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) *Kāziye-ye Craig* (Craig's Theorem) in Kaave Lajvardi (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)