

Mohammad Masoud Ahmadi

Curriculum Vitae

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📄 [momasamdi.github.io](https://github.com/momasamdi)

Education

- 2018–2022 **B.Sc. Student in Mathematics**, *GPA : 17.60/20*
(Expected) School of Mathematics, Statistics and Computer Science, University of Tehran, Tehran, Iran
- 2018 **Diploma in Mathematics**, *GPA : 19.80/20*
Darolfonoon NODET (National Organization for Development of Exceptional Talents) High School and Middle School, Shahriar, Tehran, Iran

Work Experience

- 2020–Present **Mathematics Instructor**, *Hekmat High School*, Tehran
- Geometry Teacher for 7th, 8th and 9th Grade Student
 - Mathematics Olympiad Teacher for Middle School Students
- Fall 2019 **Teaching Assistant**, *Analysis II*
Instructor: Prof. Mohammad Bagher Asadi, University of Tehran
- Tutoring
 - Designing Homework
 - Grading Papers
- Fall 2021 **Teaching Assistant**, *Algebra I*
Instructor: Prof. Seyed Amin Seyed Fakhari, University of Tehran
- Tutoring
 - Grading Papers
- Fall 2019 **Teaching Assistant**, *Linear Algebra*
Instructor: Prof. Siamak Yassemi, University of Tehran
- Designing Homework and Exams
 - Grading Papers
- Fall 2019 **Teaching Assistant**, *Calculus I*
Instructor: Prof. Amir Ghadermarzi, University of Tehran
- Grading Papers

Service and Community Engagement

- 2020–Present **Head of Organizing Committee for "Asraneh-e-Riazi"**
Weekly Undergraduate Mathematics Talks held in University of Tehran
- 2020–Present **Writer and Editor at "Jong-e-Riazi"**
Journal of Student Society, Department of Mathematics, University of Tehran
- 2018–Present **Basketball Player**
Faculty of Sciences Basketball Team, University of Tehran

Honors and Awards

- 2018 Ranked **165th** (top 0.1%) among 144,437 in Iranian University Entrance Exam (Konkour) in Mathematics and Engineering Sciences
- 2018 Ranked **345th** (top 0.2%) among 145,531 in Konkour of Foreign Languages
- 2011 Ranked **1st** among more than 5,000 in Entrance Exam of NODET (National Organization for Development of Exceptional Talents) in region of Shahriar, Tehran, Iran

Selected Projects

Spring 2021 **An Introduction to Arithmetic Dynamics and Some Conjectures (for Foundations of Dynamic Systems)**

- A Survey of Fundamental Results in Arithmetic Dynamics
- Introducing Some Conjectures and Some Recent Advances

Fall 2019 **UTank (for Advanced Programming)**

- Implementation of a Multiplayer Game (Battle of Tanks)
- Developed in Java

Summer 2019 **Social Blog**

- Implementation of a Social Network (Similar to Facebook) for Blogging
- Developed in Django Framework, Python

Fall 2018 **Photo Editor Website (for Basics of Computer Science and Programming)**

- Implementation of a Website which Utilizes Users to Edit and Share their Photos
- Developed in Django Framework, Python

Computer Skills

Programming Java, C++, Python, Matlab, SageMath

Typesetting LaTeX, Microsoft Office

Language Skills

Persian **Native**

English **Fluent**

German **Fair**

References

- Professor Amir Ghadermarzi (a.ghadermarzi@ut.ac.ir)
- Professor Siamak Yassemi (yassemi@ut.ac.ir)
- Professor Mohammad Bagher Asadi (mb.asadi@ut.ac.ir)
- Professor Seyed Amin Seyed Fakhari (aminfakhari@ut.ac.ir)

Virtual Profiles

- Github