

Mohammad Masoud Ahmadi

Curriculum Vitae

Education

- 2018–2022 **B.Sc. Student in Mathematics**, *GPA : 3.70/4.*
(Expected) School of Mathematics, Statistics and Computer Science, University of Tehran, Tehran, Iran
- 2018 **Diploma in Mathematics**, *GPA : 4/4.*
Darolfonoon NODET (National Organization for Development of Exceptional Talents) High School and Middle School, Shahriar, Tehran, Iran

Teaching

- Fall 2019 **Linear Algebra**, *Teaching Assistant.*
Instructor: Prof. Siamak Yassemi, University of Tehran
- Designing Homework and Exams
 - Grading Papers
 - Advising Students
- Fall 2019 **Calculus I**, *Teaching Assistant.*
Instructor: Prof. Amir Ghadermarzi, University of Tehran
- Grading Papers

Workshops and Conferences

- Fall 2019 **"The Significance of Foundational Problems in Basic Sciences" Conference.**
School of Physics, IPM, Tehran, Iran
- Fall 2016 **Participated in the Workshop of "Scientific Friend (Mathematics)" held by Shahid-Rajaie University under Supervision of Prof. Mojtaba Ghorbani.**
Darolfonoon NODET High School, Shahriar, Tehran, Iran

Relevant Courses

Curricular Courses:

- Fundamentals of Mathematics
- Algebra I
- Linear Algebra
- Mathematical Analysis I
- Mathematical Analysis II
- Fundamentals of Logic
- Basis for Theory of Computation
- Ordinary Differential Equations
- Elementary Algebraic Topology
- Elementary Number Theory
- Complex Variables
- Advanced Linear Algebra

Extracurricular Courses:

- Complex Analysis, Instructed by Prof. Siavash Shahshahani
- Elementary Elliptic Curves, Instructed by Prof. Amir Ghadermarzi
- Geometry of Manifolds, Instructed by Prof. Ali Kamalinejad

Honors and Awards

- Fall 2019 Ranked **2nd** (top 5%) among Students of Computer Science 2018, School of Mathematics, Statistics and Computer Science, University of Tehran, Tehran, Iran
- 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
- 2011 Ranked **1st** among more than 5,000 in Entrance Exam of Special Public Schools in region of Shahriar, Tehran, Iran

Selected Projects

- Fall 2019 **UTank (Advanced Programming):**
- Implementation of a Multiplayer Game (Battle of Tanks)
 - Developed in Java
- Summer **Social Blog:**
- 2019
- Implementation of a Social Network (Similar to Facebook) for Blogging
 - Developed in Django Framework, Python
- Fall 2018 **Photo Editor Website (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
- Typesetting LaTeX, Microsoft Office

Language Skills

- Persian **Native.**
- English **Fluent.**
- German **Fair.**
- Arabic **Fair.**

References

- Professor Siamak Yassemi (yassemi@ut.ac.ir)
- Professor Amir Ghadermarzi (a.ghadermarzi@ut.ac.ir)
- Professor Ali Kamalinejad (a.kamalinejad@ut.ac.ir)

Virtual Profiles

- Github