

EDUCATION

- **Ph.D. in Computer Science** 2021 – Present
IST Austria, Klosterneuburg, Austria
- **B. Sc. in Computer Engineering** 2016 – 2021
Sharif University of Technology, Tehran, Iran
GPA: 18.93/20

PEER-REVIEWED CONFERENCE PUBLICATIONS

- “Polynomial reachability witnesses via Stellensätze”
Ali Asadi, Krishnendu Chatterjee, Hongfei Fu, Amir Kafshdar Goharshady, Mohammad Mahdavi
in *the Proceedings of the 42nd ACM SIGPLAN International Conference on Programming Language Design and Implementation (PLDI’21)*, 2021.
- “Faster Algorithms for Quantitative Analysis of MCs and MDPs with Small Treewidth”
Ali Asadi, Krishnendu Chatterjee, Amir Kafshdar Goharshady, Kiarash Mohammadi, Andreas Pavlogiannis
in *the 18th International Symposium on Automated Technology for Verification and Analysis (ATVA’20)*, 2020.

HONORS AND AWARDS

- Silver medal in the 10th Asia-Pacific Informatics Olympiad (APIO) 2016
- Gold medal in the 25th Iranian National Olympiad in Informatics (INOI) 2015
- Silver medal in the 24th Iranian National Olympiad in Informatics (INOI) 2014
- ISTA Ph.D. Fellowship 2021
- 2nd place in the ACM-ICPC West Asia Regional Contest, Tehran, Iran. 2016
- Iranian National Elites Foundation grant for undergraduate studies 2014 – 2021
- National Organization for Development of Exceptional Talents (NODET) member 2009 – 2016
- Research Scholarship from the Austrian Exchange Agency (OeAD-GmbH) 2019

WORK EXPERIENCE

- **Engineering Manager, Divar Co.** Sep. 2019 – Sep. 2021
Led a team consisting of 10 software engineers in setting up infrastructure platforms and tools.
- **Software Engineer, CafeBazaar Co.** July 2017 – July 2019
Contributed to the design, development, and maintenance of several systems and microservices.

UNDERGRADUATE RESEARCH EXPERIENCE

- **Research Intern and Remote Collaboration, IST Austria** Summer 2019
Worked in the Chatterjee Group under the supervision of [Prof. Krishnendu Chatterjee](#).
Scholarship awarded by the *Austrian Agency for International Cooperation in Education and Research* (OeAD-GmbH).
- **Research Assistant, Sharif University of Technology** Feb. 2020 – Apr. 2021
Worked in the Theory Group under the supervision of [Prof. Mohammad Ghodsi](#).

TEACHING EXPERIENCE

- **Teaching Assistant, CE Department, Sharif University of Technology**
 - Probability And Statistics, Instructor: Prof. Abolfazl Motahari Fall 2017
 - Data Structures and Algorithms, Instructor: Prof. Ali Sharifi-Zarchi Spring 2018
- **Member of Scientific Committee of Programming Contests**
Designed programming contests and authored problems with an algorithmic theme.
 - Iran’s IOI Team Selection Exams 2017

- 2016
- **INOI Summer Camp Programming Exams**
- **Lecturer, Allameh Helli High-School** 2016 – 2018
Taught Algorithms and Data Structures to students preparing for the National Olympiad in Informatics (INOI).
- **Lecturer, Allameh Tabatabaee High-School** 2016 – 2019
Taught Algorithms and Data Structures to students preparing for the National Olympiad in Informatics (INOI).

OTHER ACTIVITIES

- **Elected Member and Vice President of Students' Scientific Chapter** 2018 – 2019