

Majid Daliri

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- Education**
- New York University, New York, United States of America** 2022 - 2027
Ph.D. in Computer Science
Advised by [Prof. Christopher Musco](#)
- University of Tehran, Tehran, Iran** 2017 - 2022
Undergraduate student of B.Sc. in **Computer Engineering**
• Cumulative GPA: **18.68/20 (3.97/4)**, in Related Subjects: **19.6/20**
- HashemiNejad High School, Mashhad, Iran** 2013 - 2017
Affiliated with the National Organization for the Development of Exceptional Talents (NODET),
Diploma in Mathematics and Physics Discipline
- Papers**
- **Efficient Approximations for Cache-conscious Data Placement** PLDI2022
Ali Ahmadi, Majid Daliri, Amir Kafshdar Goharshady, Andreas Pavlogiannis
 - **A 10-Approximation of the $\frac{\pi}{2}$ -MST** STACS2022
Ahmad Biniiaz, Majid Daliri, AmirHossein Moradpour
- Research Experience**
- Research Internship, Simon Fraser University** August 2021 -
under the supervision of [Prof I. Shinkar](#), we are working on the Analysis of Boolean Functions, primarily by analyzing the Fourier aspect of functions.
- Online Research Internship, HKUST** June 2021 -
under the supervision of [Professor A. Goharshady](#), my project was to design an algorithm to parameterize the cache-conscious data placement and find the exact cache misses or an approximation.
- Research Internship, Max-Planck-Institut für Informatik** April 2021 -
under the supervision of [Dr A. Zandieh](#), the research has focuses on improving the time complexity and reducing the sample counts of the approaches associated with the learning and reconstruction of Fourier of sparse set functions.
- Research Internship under the supervision of Professor A. Biniiaz, University of Windsor, Canada** February 2021 -
Working on some computational geometry problems, specifically on topics associated with the Euclidean Minimum Spanning tree.
- Research Assistant at Data Analytics Laboratory, under the supervision of Professor B. Bahrak, University of Tehran, Iran** September 2019 - December 2020
The research focused on the privacy preserving approaches for social networks, and also algebraic graphs like Conway's 99-graph problem, and Maximal planar graphs.