Nima Hamidi

Curriculum Vitae

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EDUCATION

2015–2021   **Ph.D. in Statistics**,
Stanford University

2013–2015   **M.Sc. in Pure Mathematics**,
Sharif University of Technology

2008–2013   **B.Sc. in Software Engineering, and**
B.Sc. in Pure Mathematics (Double Major),
Sharif University of Technology

HONORS AND AWARDS

2017   **Departmental Teaching Assistant Award**, *Stanford University*

2015   **Stanford Graduate Fellowship (SGF)**, *Stanford University*

2011   **First Prize**, *in 18th International Mathematical Competition*, **IMC**

2008   **Silver Medal**, *in 49th International Mathematical Olympiad*, **IMO**

PUBLICATIONS

2021   **On Computational Hardness of Stochastic Linear Bandits**
with Mohsen Bayati, working paper

2021   **The Randomized Elliptical Potential Lemma with an Application to Linear Thompson Sampling**
with Mohsen Bayati, arXiv preprint arXiv:2102.07987

2020   **On Worst-case Regret of Linear Thompson Sampling**
with Mohsen Bayati, arXiv preprint arXiv:2006.06790

2020   **A General Framework to Analyze Stochastic Linear Bandit**
with Mohsen Bayati, arXiv preprint arXiv:2002.05152

2020   **The Unreasonable Effectiveness of Greedy Algorithms in Multi-Armed Bandit with Many Arms**
with Mohsen Bayati, Ramesh Johari, Khashayar Khosravi, NeurIPS 2020 **(spotlight)**

2019   **On Low-rank Trace Regression Under General Sampling Distribution**
with Mohsen Bayati, submitted to JMLR

2019   **Personalizing Many Decisions with High-Dimensional Covariates**
with Mohsen Bayati and Kapil Gupta, NeurIPS 2019

Teaching Experience

Fall 2017	**TA for Intro to Statistical Inference**, *Stanford University*, Instructor: Prof. Joseph Romano
Spring 2017	**TA for Theory of Statistics III**, *Stanford University*, Instructor: Prof. Emmanuel Candes
Fall 2016	**TA for Theory of Statistics I**, *Stanford University*, Instructor: Prof. Joseph Romano

Work Experience

2020	**Algo Developer Intern**, *Hudson River Trading*
2019	**Quantitative Research Intern**, *Vatic Labs*
2018	**Quantitative Research Intern**, *Citadel Securities*

Other Honors and Awards

2013	**Gold Medal**, *in 14th Iranian Mathematical Olympiad*
2013	**Ranked 4th**, *in National Entrance Exam for Masters of Science in Theoretical Mathematics*
2012	**Ranked 7th**, *in National Entrance Exam for Masters of Science in Theoretical Mathematics*
2012	**Gold Medal**, *in 36th Iranian Mathematical Society Competition* Ranked 1st
2011	**Gold Medal**, *in 35th Iranian Mathematical Society Competition* Ranked 3rd
2007	**Gold Medal**, *in 25th Iranian National Mathematical Olympiad*
2006	**Silver Medal**, *in 19th Iranian National Olympiad in Informatics*
2001 & 2004	Selected for study in schools of National Organization for Development of Exceptional Talents (NODET) through an exam with less than 1% acceptance rate.

Computer skills

Python, R, C/C++, Java

Languages

Persian	**Native**
English	**Fluent**