MOHAMMADMAHDI SAJEDI

PERSONAL INFORMATION

Birthyear/place: 1996/Azerbaijan, Tabriz

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EDUCATION

PhD in Electrical Engineering	2021-Present
University of Southern California	
Master of Science in Electrical Engineering	2018-2020
University of Southern California	
Bachelor of Science in Electrical Engineering (140 credits)	2013-2018
Sharif University of Technology, Tehran, Iran	
Bachelor of Science in Mathematics (50 credits/13 courses)	2015-2018
Sharif University of Technology, Tehran, Iran	
total undergrad GPA: 18.59/20 (190 credits)	

HONORS & AWARDS

- Ranked **11th** in University Entrance National Contest among 250,000 students — June 2013

- Ranked **16th** in Foreign Language National Contest among nearly 11,000 students — June 2013

- Member of National Iranian Elites Foundation — since 2013

RESEARCH INTERESTS

- High-dimensional Statistics
- Dynamical systems and complex dynamics

PUBLICATIONS

- Understanding Overparameterization in Generative Adversarial Networks (ICLR 2021) Google Scholar

COURSES IN USC

EE

Optimization for the information and data sciences	Prof. Soltanolkotabi	A
Mathematics of High-dimensional Data	Prof. Soltanolkotabi	A
Probability for Electrical and Computer Engineers	Prof. Kosko	A
Random Processes in Engineering	Prof. Scholtz	A
Statistics and Data Analysis for Engineers	Prof. Kosko	A
Linear System Theory	Prof. Savla	A

CS

Machine Learning	Prof. Adamchik	A-
Analysis of Algorithms	Prof. Shamsian	A
Introduction to Programming Systems Design	Prof. Raghavachary	A

ISE

Foundations of Stochastic Processes	Prof. Ross	A
Large Scale Optimization and Machine Learning	Prof. Razaviyayn	A
Combinatorial Optimization	Prof. Carlsson	A

Math

Introduction to Mathematical Statistics	Prof. Zhang	A-
Applied Probability	Prof. Mikulevicius	A-
Real Analysis 1	Prof. Alexander	in progress

COURSES IN UCLA

Math

Complex Analysis A	Prof. Terence Tao	Guest

COURSES IN SUT

EE

Digital Signal Processing	Prof. Amini	18.8/20
Signals and Systems	Prof. Babaie-Zadeh	20/20
Intro. to Wireless Communications	Prof. Golestani	16/20
Engineering Mathematics	Prof. Hashemi	19.9/20

Graduate Course

Wireless Communications Networks	Prof. Golestani	18/20

Math

Linear Algebra	Prof. Safdari	20/20
Mathematical Analysis 1	Prof. Safdari	19.3/20
Mathematical Analysis 2	Prof. Safdari	19.1/20
Topology	Prof. Fanaie	16.5/20
Algebra I	Prof. Gholamzadeh-Mahmoudi	20/20
Algebra III (Fields & Galois Theory)	Prof. Gholamzadeh-Mahmoudi	19.1/20
Statistics & Applications	Prof. Haji-Mirsadeghi	20/20
Discrete Mathematics	Prof. Mahmoodian	20/20
Numerical Analysis 1	Prof. Mostafid	20/20
Numerical Analysis 2	Prof. Mahdavi-Amiri	20/20

Graduate Courses

Graph theory	Prof. Akbari	18.1/20
Algebraic Graph theory	Prof. Akbari	16.5/20
Convex Optimization	Prof. Alishahi & Foroughmand	17/20