

Mohammad Amin Ghiasi

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Research Interests

- Computer Vision
- Deep Learning
- Machine Learning

Education

University of Maryland, College Park, Maryland, USA. 2017 - present
Advisor: [Prof Tom Goldstein](#)
Ph.D. in Computer Science

Sharif University of Technology, Tehran, Iran. 2012 - 2017
[Department of Computer Engineering](#)
B.Sc. in Computer Engineering

Published Papers **Breaking Certifiable Defenses: Semantic Adversarial Examples with Spoofed Robustness Certificates** [ICLR 2020](#) 2020
Amin Ghiasi, Ali Shafahi, Tom Goldstein

Adversarially Robust Transfer Learning [ICLR 2020](#) 2020
Ali Shafahi, Parsa Saadatpanah, Chen Zhu, Amin Ghiasi, Christoph Studer, David Jacobs, Tom Goldstein

Adversarial Training for Free! [NeurIPS 2019](#) 2019
Ali Shafahi, Mahyar Najibi, Amin Ghiasi, Zheng Xu, John Dickerson, Cristoph Studer, Larry Davis, Gavin Taylor, Tom Goldstein

Batch-wise Logit-Similarity: Generalizing Logit-Squeezing and Label-Smoothing [BMVC 2019](#) 2019
Ali Shafahi, Amin Ghiasi, Mahyar Najibi, Furong Huang, John Dickerson, Tom Goldstein

On the Efficiency and Equilibria of Rich Ads [IJCAI 2019](#) 2019
Amin Ghiasi, MohammadTaghi Hajiaghayi, Sbastien Lahaie, Hadi Yami

Honors and Awards

Recipient of University of Maryland **Dean's Fellowship**. 2017 - present

ACM-ICPC World Finalist. 2018
Representing University of Maryland

Gold Medal in the 21th [Iranian National Olympiad in Informatics](#). 2011

Bronze Medal in the 20th [Iranian National Olympiad in Informatics](#). 2010

	2nd Prize Sharif Cup , Android Competition.	2013
Teaching Experience	Introduction to Computer Programming via the Web Fall 2017 - Spring 2019	
	IOI related: Teaching Graph Theory and Algorithm at Young Scholars Club ¹ 2014 To students selected nationally preparing for IOI and INOI	
	IMO related: Combinatorics at Young Scholars Club Summer 2013 To students nationally selected, preparing for Iranina National Olympiad in Mathematics	
Work Experience	<ul style="list-style-type: none"> • Android Developer at Hebbeh Co. 2016 Charity start-up, responsible for android app. • Scrum Master at Lyan Co. 2015 Responsible for managing a group of 6 developers as well as developing backend server. • Back-end Developer at Lyan Co. 2014 Provides easy interface for industries interested in having e-shop websites. • Android Developer at Kafshdoozak Co. 2013 Cartoon making app for children. Responsible for the android app. 	
Technical Skills	• Operating Systems: Linux, and Windows.	
	• Typesetting: \LaTeX , Microsoft Office, and VIM.	
	• Programming Languages: C/C++, Python, Java, Bash, and MATLAB.	
	• Web Technologies: HTML, React, REST-Framework, Django.	
	• Experienced In: Pytorch, IMB-Cplex, Android.	

last modified on Jan 2020

¹Young Scholars Club is the sole regulating body for scientific olympiads in Iran.