

# Soheil Behnezhad

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## Education

- **PhD in Computer Science**, Feb 2016 - present  
University of Maryland, Department of Computer Science
  - Advisor: Prof. MohammadTaghi Hajiaghayi
  - Coursework: Computational Geometry, Logic and Artificial Intelligence.
  - GPA: 3.85
- **B.Sc. in Software Engineering**, Sep 2011 - Feb 2016  
Sharif University of Technology, Department of Computer Engineering
  - Thesis: Graphical Colonel Blotto Games
  - Thesis supervisor: Prof. Mohammad Ghodsi

## Research Interests

- I am primarily interested in algorithmic game theory and algorithms for massive datasets.

## Research Experience

- *A Polynomial Time Algorithm For Spatio-Temporal Security Games*  
S. Behnezhad, M. Derakhshan, M.T. Hajiaghayi, A. Slivkins.  
18th ACM conference on Economics and Computation, **EC 2017**
- *Brief Announcement: Graph Matching in Massive Datasets*  
S. Behnezhad, M. Derakhshan, H. Esfandiari, E. Tan, H. Yami.  
29th ACM Symposium on Parallelism in Algorithms and Architectures, **SPAA 2017**
- *Faster and Simpler Algorithm for Optimal Strategies of Blotto Game*  
S. Behnezhad, S. Dehghani, M. Derakhshan, S. Seddighin, M.T. Hajiaghayi.  
31st AAAI Conference on Artificial Intelligence, **AAAI 2017**

## Honors and Awards

- Awarded University of Maryland Dean's Fellowship. Jan 2016  
Maryland, USA
- Recipient of the grant for undergraduate studies and member of National Elites Foundation. 2011 - 2015  
Tehran, Iran
- Awarded as **Outstanding Student** by Sharif university's president. Sep 2011  
Tehran, Iran
- **Gold Medal** in the 19<sup>th</sup> Iranian National **Olympiad in Informatics**. March 2010  
Young Scholars Club, Tehran, Iran

## Teaching Experience

- **Teaching Assistant**, University of Maryland
  - Introduction to Algorithms (Spring 2016)
- **Teaching Assistant**, Sharif University of Technology
  - Data Structures and Fundamentals of Algorithms (Fall 2013, Spring 2014, Fall 2014), Design of Algorithms (Fall 2013, Fall 2014, Spring 2014), Discrete Structures (Spring 2014, Spring 2015), Fundamentals of Programming Python (Fall 2013), Modern Information Retrieval (Fall 2014), Web Programming (Spring 2015)
- **Teaching in High Schools**  
Prepared students for Olympiad in Informatics. Topics included Algorithms, Graph Theory, Problem Solving Strategies, and Programming.

## Technical Skills

- **Programming/Scripting Languages:** I comfortably code in **Java**, **Python** and **Javascript**. I have also used **C++** in algorithmic competitions (e.g., Olympiad of Informatics).
- **Technical Tools:** Git, Django framework, jQuery, HTML, CSS, LESS/SASS, SQL/NoSQL databases, Maven, and more.

## Languages

- Persian (native)
- English (TOEFL score: 104; reading: 27, listening: 24, speaking: 27, writing: 26)