Mohammad Mahzoun

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Education	
	• B.Sc. Student in Computer Science — Aug 2014 - Present
	University of Tehran, Tehran, Iran — **GPA: 16.70/20**
	• Diploma in Mathematics and Physics — Aug 2007 - Aug 2014
	Shahid Beheshti National Exceptional Talents School, Bojnurd, Iran — **GPA: 18/20**

Research Interests

- Cryptography
- Logics and Automata
- Enumerative Combinatorics and Graphs

Research Experiences

- **Sharif University of Technology** — Jan 2017 - May 2017
  Research Internship under supervision of Dr. Khazaei
  Designing an algorithm to find optimal decomposition of graph access structures

- **University of Tehran**
  Undergraduate Research Experience (REU) leading to BSc Thesis
  Supervisor: Dr. Fakhari
  Find optimal access structures on hypergraphs with linear programming methods

Talks

- **University of Tehran** — Aug 2017
  Secret Sharing
  Series of Scientific Talks for Students by Mathematics Student Association

Working Experience

- **Teaching Assistant** — University of Tehran

Introduction to Graph Theory, Prof. Nouri	2018
Introduction to Theory of Computation, Prof. Alizadeh	2018
Compilers, Dr. Mojtahedi	2018
Theory of Computation, Dr. Mojtahedi	2017
Introduction to Graph Theory, Dr. Fakhari	2017
Fundamentals of Mathematics, Prof. Alizadeh	2016

- **Mentor** — Coursera
  Cryptography — 2016 - Present

- **Site Reliability Engineer** — Cafe Bazaar
  Design cloud computing infrastructure — 2017 - Present

- **Server Administrator** — Lyan
  Maintaining Linux Servers — 2015 - 2017

Skills

- Expert in C, Elixir, Go, Python, Bash.
- Experienced in Kubernetes, Docker, Ansible, KVM, ESXi
- Familiar with Coq, C++, SQL, JavaScript.
- Familiar with basic networking concepts, Routing protocols, Designing scalable and reliable systems.

Honors and Awards

- **University of Tehran Foundation Fellowship** — 2017
  Awarded to top 1% of students in the University of Tehran.

- **12th team** in Regional Contests of ACM-ICPC West Asia Region — 2014