

## Shayan Hosseini

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<b>Education</b>	<b>University of Tehran, Tehran, Iran</b> 2015 - present Undergraduate student of B.Sc. in Software Engineering <ul style="list-style-type: none"><li>• Current GPA: 16.94/20</li><li>• Related Courses: Design and Analysis of Algorithms (20/20), Data Structures and Algorithms (19.8/20), Theory of Formal Languages and Automata (19.5/20), Advanced Programming (18/20), Discrete Mathematics (18/20)</li></ul> <b>Allameh Helli High School, Tehran, Iran</b> 2011 - 2015 <i>Affiliated with the National Organization for the Development of Exceptional Talents (NODET),</i> Diploma in Mathematics and Physics Discipline
<b>Awards and Honors</b>	<b>Ranked 56<sup>th</sup></b> , ACM ICPC World Finals, South Dakota, USA 2017 <b>Ranked 2<sup>nd</sup></b> , ACM ICPC Regional Contest, Tehran, Iran 2017 <b>Ranked 2<sup>nd</sup></b> , ACM ICPC Regional Contest, Tehran, Iran 2016 <b>Ranked 9<sup>th</sup></b> , ACM ICPC Regional Contest, Tehran, Iran 2015 <b>Silver Medal</b> , 24 <sup>th</sup> Iranian National Olympiad in Informatics 2014  Member of <b>Iran's National Elites Foundation</b> 2014 - present
<b>Professional Experience</b>	<b>Technical Lead and Product Manager at Cafe Bazaar</b> 2016 - present Member of Cafe Bazaar infrastructure team. Aiming to provide large-scale services to other technical teams. Leading a team of 4 people to build a distributed storage service and develop our Content Delivery Network. Responsible for maintaining and scaling services and collaborating with other technical teams and companies.  <b>Software Engineer at Cafe Bazaar</b> 2015 - 2016 Cafe Bazaar is the most popular and successful Android application store in Iran, with more than 30 million users. Member of app acquisition team working on application download and payment system.  <b>Software Developer at SABZ Biomedicals</b> Summer 2015 Developing software of Gel Documentation System (An instrument for high quality visualization and recording of DNA bands.)
<b>Teaching Experience</b>	<b>Teaching Assistant</b> University of Tehran <ul style="list-style-type: none"><li>• Advanced Programming, R. Khosravi, A. Sadeghi, Fall 2017</li><li>• Discrete Mathematics, S.Mohammadi, Spring 2017</li><li>• Data Structures and Algorithms, H. Feili, Fall 2016</li></ul>

**IOI and ACM-ICPC related**

Teaching special topics in computer science including Algorithms, Data Structures, and Graph Theory to undergraduate students preparing for ACM-ICPC as well as high school students preparing for INOI.

- University of Tehran 2017
- INOI Summer Camp, at Young Scholars Club 2015
- Allameh Helli High School 2015

**Skills and Qualities****Theoretical Background:**

Experienced in Design of Algorithms, Data Structures, and Discrete Mathematical fields such as Graph Theory and Combinatorics as IO and ACM suggest.

**Programming and Scripting:**

Expert in C/C++, Go, Python, Bash-Scripting, Pascal

**Software Engineering:**

Familiar with different object oriented design patterns and software development methodologies.

**Web Application Development:**

Comfortable with Django, Flask, CSS3 and HTML5. Proficient in git and familiar with many other development tools

**Site Reliability:**

- Expert Linux user and good at system administration
- Comfortable with Ceph storage platform, Kubernetes, Docker, NGINX
- Working knowledge in Computer Networks

**Other:**

Creative, self-motivated, eager to learn new things. Communicative and collaborative with the ability to work both independently and in a team.