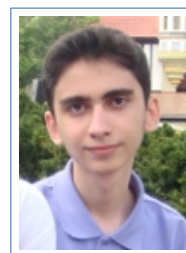


Seyed Mehran Kholdi

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Education

2011

Undergraduate Student of B.Sc. Computer Engineering, *Sharif University of Technology*, Tehran, Iran.

Department of Computer Engineering

Major: Software Engineering

Current GPA: 17.92/20

Relevant courses: GPA: 19.47, Computer Networks: 19.7, Operating Systems: 18.2, Web Programming: 20, Design and Analysis of Algorithms: 20, Data Structures: 20, Artificial Intelligence: 18.2, Modern Information Retrieval: 19.8, Advanced Programming: 20, Theory of Languages and Automatas: 19.2, Compiler Design: 18, Engineering Probability and Statistics: 19.3, Technical Presentation: 20, Digital Design: 20, Computer Structure and Language: 20, Computer Architecture: 19.3, Digital System Design: 19.2

2007

2011

Diploma in Mathematics and Physics Discipline, *Allameh Helli High-school*, Tehran, Iran.

Affiliated with the National Organization for Development of Exceptional Talents (NODET)

Professional Experience

2014

Software Engineering Intern, *Google Inc.*, Kitchener-Waterloo, Ontario, Canada.

Worked on AdMob Mediation in AdSense/DisplayAds team.

2014

Software Engineering Intern, *Bayan Rahbord Group Inc.*, Tehran, Iran.

Worked on containerization of an existing complex application. Helped in making the application more 12-factor compatible, and used Docker as a lightweight containerization solution. The resulting code was both deployed to production, and used for development on developers' machines.

2012

Software Engineer, *Bayan Rahbord Group Inc.*, Tehran, Iran.

Responsibilities:

- Project manager of *CodeBay* – Bayan's contest platform.
- Project manager of *SAD* – Bayan's Web-application Firewall, detecting and mitigating application layer DDoS attacks.
- Researcher and analyzer of possible solutions in various cases.
- Took part as a front-end developer of Hod Mail Server.
- Member of Salam Meta Search Engine and Zaal Search Engine development teams.
- Director of 3rd Bayan Programming Contest.
- Head of 2nd Bayan Programming Contest scientific committee.

Awards and Honors

ACM-ICPC

- Collegiate Programming Contests

2013
3rd Team, 15th Asian Regional Contest in Iran.

2012
5th Team, 14th Asian Regional Contest in Iran.

2011
14th Team, 13th Asian Regional Contest in Iran.

Informatics Olympiads

2011
Silver Medal, IOI 2011.

Ranked 28th in 23rd International Olympiad in Informatics, Pattaya, Thailand

2010
Silver Medal, IOI 2010.

Ranked 65th in 22nd International Olympiad in Informatics, Waterloo, Ontario, Canada

2011
Gold Medal, APIO 2011.

Ranked 2nd in 5th Asia-Pacific Informatics Olympiad, hosted by Iran

2010
Bronze Medal, APIO 2010.

Ranked 46th in 4th Asia-Pacific Informatics Olympiad, hosted by China

2010
Gold Medal, INOI.

Ranked 1st in 19th Iranian National Olympiad in Informatics, Tehran, Iran

Computer Security CTFs

- "Capture The Flag" contests are computer security competitions, evaluating participants' knowledge of Web Security, Cryptography, Exploitation and other related fields

2015
2nd Team, 5th Cyber Security and Hacking Competition.

Held by Sharif Computer Emergency Response Team (SharifCERT)

2013
2nd Team, 3rd Cyber Security and Hacking Competition.

2012
2nd Team, 2nd Cyber Security and Hacking Competition.

Miscellaneous

2011
Advanced to Round 3, GCJ 2011.

Stood amongst top 500 contestants in Google Code Jam 2011

2011
1st Team, 2nd Java Challenge Contest.

An agent-programming contest, held by Computer Department of Sharif University of Technology

2008
1st Team, 2nd ISPC.

Iranian Student Programming Contest, an ACM-like competition amongst high-school students, held by Sharif University of Technology.

Teaching Experience

2014
Teaching Assistant in Computer Networks, Spring 2014, Fall 2014, Spring 2015.
Responsible for definition, preparation and evaluation of practical projects.

2013
2014
Teaching Assistant in Modern Information Retrieval, Fall 2013.
Responsible for definition, preparation and evaluation of practical projects.

2011
2012

Teaching Assistant in Design and Analysis of Algorithms, Fall 2011.

Responsible for evaluation of seminars and practical exercises.

2012

Practical Exam Organizer, Young Scholars Club.

Responsible for practical exam task preparation and assessment.

2010
2011

Algorithms and C++ Programming Instructor, Allameh Helli High-school.

Responsible for teaching and assessment of students preparing for INOI exams.

Languages

Persian Proficient (Native)

English Fluent

Arabic Basic (Reading)

Turkish Basic (Listening)
(Azari)

Skills & Qualities

Programming Languages Proficient in C/C++ and Java. Familiar with many other languages.

Algorithms Good at data structures, combinatorics and graph theory, as the awards in IOI and ACM suggest.

Web Application Development Comfortable with Python, PHP5, HTML5, CSS3 and javascript. Familiar with various web development concepts, technologies and libraries. Have experienced various frameworks, and am aware of how they differ.

Application Security Knowledgeable about different fields in application security as CTF awards suggest. Also involved in discovering and fixing famous services' vulnerabilities.

Linux Native Linux user, good at shell scripting and server administration.

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

Researcher Have good insight on IT-oriented topics. Geek enough to spend part of my time on keeping myself up-to-date with the most recent bleeding-edge technologies.

Other Creative, self-motivated, and always eager to learn new things. Would enjoy working in a friendly team.

References

[Publicly Available References](#)

Related "results page" of most awards are hyper-linked.

[All the rest](#)

Available upon request

Latest Update: 2015, February 21st