

Navid Salehnamadi

navid.saleh.n@gmail.com

Home Page: noid.ir

Education

- M.Sc. in Software Engineering, 2015-Present
[School of Computer Engineering, Sharif University of Technology](#)
Tehran, Iran
Thesis: Approximation Algorithms for Geometry Optimization in the Sliding Window Model (Under supervision of [Dr. Zarrabi-Zadeh](#))
I'm reasearching on geometry optimization (such as finding width of points) in sliding windows (focusing on higher dimensions and composable core-sets).
- B.Sc. in Computer Engineering, 2011-2015
[School of Electrical and Computer Engineering, University of Tehran,](#)
Tehran, Iran
Total GPA: 17.18 / 20
Project Thesis: Influence maximization on community-structured social networks.
Under supervision of [Dr. Asadpour](#).
I tried to solve influence maximization problem on social network more efficiently by considering its communities hierarchy structure.
- Diploma in Physics and Mathematics Discipline, 2007-2011
Allameh Helli High School, under the supervision of [NODET](#),
Tehran, Iran
GPA: 19.06 / 20

Research Interests

- Human Computer Interaction
I'm taking Interaction Design specialization by Scott Klemmer in coursera now.
Passed Course:
Human Centered Design: an Introduction, Design Principle: an Introduction, Input And Interactions - (Average grade: 95.13/100)
I learned more about HCI and user cognitive model when I was working on a crm panel in Cafe Bazaar.
- Algorithms and Social Network Analysis
I've concentrate on these area in my B.Sc. and M.Sc thesises which I described in the education section. Moreover I produced a data set for a game-theoric approach to influence maximization on social network course.
Passed Courses:
Approximation Algorithms, Computational Geometry, Randomized Algorithms, Social Networks, Game Theory
- Software Engineering
I currently work in Cafe Bazaar which is one of the most famous and popular android markets in Iran (with +31 million users). The developing and maintaining softwares becomes more challenging as our users are growing rapidly.

Working Experience

- Product Manager Fall 2015 - Present
[Cafe Bazaar](#) (A local android market with +31 milion users)

- Designer of [VAHED](#) Summer 2014 - Present
VAHED is an online service to help students to choose their courses and arrange their weekly plan easier, developed in Ruby on Rails.
University of Tehran
- Designer and Developer of [Discrete Mathematics Contest](#) Spring 2014
DM Contest is an online platform to encourage students learn Discrete-Mathematics by buying problems or bid in auctions and play funny games.
University of Tehran
- Developer Summer and Fall 2013
[Cafe Bazaar](#)
Tehran, Iran

Honors and Awards

- ACM Student Chapter Excellence Award Winner 2014-2015
Outstanding School Service
as Vice-Chair of the University of Tehran ACM Student Chapter
New York, USA
- Ranked 1st Sep 2014
19th Iran National University Students' Scientific Olympiad in
Computer Engineering
- Ranked 9th Dec 2013
ACM ICPC Regional Contest
- Ranked 3rd Mar 2012
IranOpen Robocup Competition 2012 Rescue Simulation League
as the leader of Eskilas Team
- Silver Medal Sep 2010
Iran National Olympiad in Informatics
- Ranked 2nd Oct 2009
11th Khwarizmi Young Award, Tehran, Iran

Teaching Experience

- Design and Analysis of Algorithms
Teaching Assistant of [Dr. Zarrabi-Zadeh](#) Fall 2016
Teaching Assistant of [Dr. Sadjad](#) Spring 2015
Teaching Assistant of [Dr. Asadpour](#) Fall 2014
- Discrete Mathematics
Teaching Assistant of [Prof. Siamak Mohammadi](#) Fall 2014
University of Tehran Spring 2014, 2015
- Data Structures and Algorithms
Teaching Assistant of [Prof. Hesham Faili](#) Spring 2014
University of Tehran Fall 2013

Leadership and Membership

- Editor of special issue for ACM ICPC Regional Contest, Tehran Site Fall 2015
- [ACM Student Chapter Vice-chair](#) 2014
University of Tehran

- Leader of the Rescue Simulation League
Eskilas Team
Allame Helli High School

2012

Skills

- Language
 - Persian: native
 - English: fluent
TOEFL iBT - 99 (Reading 25, Listening 30, Speaking 19, Writing 25)
(Expired) TOEFL iBT 102 (Reading 28, Listening 27, Speaking 22, Writing 25)
GRE - Verbal: 147 (33%) Quantitative: 169 (97%) Analytical: 3.0 (15%)
- Programming languages
 - Expert in C/C++
 - Proficient in Python, Ruby
- Databases (have experience): PostgreSQL, Neo4j, MongoDB

Hobbies

- Reading comic books (Especially Batman)
- Playing the Guitar and harmonica