Navid Salehnamadi

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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)
  My research is based on a paper which provides an algorithm to determine width of the points in
  the sliding window model. I'm reasearching on these types of geometry optimization (focusing on
  higher dimensions and composable core-sets) in this model.

- 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. My main idea was using the hierarchy of communities to
  narrow down our search in complex and big social networks.

- 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

- 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 chal-
  lenging as our users are growing rapidly. As a result I'm taking The Software Evolution this
  semester.

- 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 Inter-
  actions - (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

Working Experience

- Product Manager   Fall 2015 - Present
  Cafe Bazaar
  A local android market with +31 milion users and the third most successful
  Iranian startup estimated to be worth $20 million by economist web site.
  I'm currently the product manager/designer of Cafe Bazaar's developers panel.
  Before that I was responsible for redesigning an internal system (a CRM
  panel) and its users performance has been incresead about 4 times.

- 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
  My intermediate skills in software development have been improved.
  Moreover this experience helped me to develop stronger team work sprit. 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

- Ranked 1st   Sep 2014
  19th Iran Nationwide Scientific Olympiad for University Students in
  Computer Science
  This award privileged me to be admitted in every university of Iran

- Ranked 9th   Dec 2013
  ACM ICPC Regional Contest,
  Tehran site

- Ranked 3rd   Mar 2012
  IranOpen Robocup Competition 2012
  The most credited Robocup Competition in Iran Rescue Simulation League
  as the leader of Eskilas Team

- Silver Medal   Sep 2010
  Iran National Olympiad in Informatics
  The final step to the world-final International Olympiad in Informatics

- Ranked 2nd   Oct 2009
  11th Khwarizmi Young Award, Tehran, Iran
  The most credited award in Iran for outstanding achievement by young scholars
  Robotic Competition - Rescue Agent Simulation

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

- Software Engineering Lab
  Teaching Assistant of Dr. Ramtin Khosravi
  University of Tehran   Fall 2014
                                                                               Fall 2015

- Discrete Mathematics
  Teaching Assistant of Dr. Siamak Mohammadi
  University of Tehran   Fall 2014
                                                                   Spring 2014, 2015

- Data Structures and Algorithms
  Teaching Assistant of Dr. Heshaam Faili
  University of Tehran   Spring 2014
                                                                               Fall 2013

- Artificial Intelligence
  Teaching Assistant of Dr. Hadi Moradi
  University of Tehran   Fall 2014

- Introduction to Object-Oriented Programming
  Instructor
  Allame Helli High School   Fall 2014

Leadership   and   Membership

- Editor of F1's special issue for ACM ICPC Regional Contest, Tehran Site   Fall 2015
  F1 is the scientific journal of ACM student chapter of University of Terhan.

- ACM Student Chapter Vice-chair   2014
  University of Tehran

- Member of F1 Journal Team   Summer 2014
  ACM Student Chapter Scientific Journal

- Leader of the Rescue Simulation League   2012
  Eskilas Team
  Allame Helli High School

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

  - Familiar with Java, PHP, JavaScript

- Databases (have experience): PostgreSQL, Neo4j, MongoDB

Hobbies

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