



Kasra Edalat Nejad

Education

Sharif University of Technology, Tehran, Iran

BS in Computer Engineering - Software Engineering

Grade Point Average: 18.29 out of 20 GPA(3.8)

Diploma in Mathematics and Physics Discipline

2008-2011

Salam Tajrish high school, Tehran, Iran

Honors

Gold medal (Ranked 1st) in the National Computer Science Olympiad for Graduate Students, Tehran, Iran 2016

Ranked 6th in the National Graduate Examination (konkur), Tehran, Iran 2016

Ranked 23rd among more than 2400 team in 9th IEEEExtreme, Tehran, Iran Oct 2015

International **Silver medal** in 23th International Olympiad in Informatics (IOI), Pattaya, Thailand July 2011

Silver medal in 5th Asia-Pacific Informatics Olympiad May 2011

National **Gold medal** (Ranked 1st) in Iranian National Olympiad in informatics (INOI), Tehran, Iran Sep 2010

National **Silver medal** in Iranian National Olympiad in informatics (INOI), Tehran, Iran March 2010

Member of Iranian National Elite Foundation since 2010

Awards

Ministerial Award from ministry of Science, Research, and Technology for outstanding performance in Olympiad 2017

Presidential Award for outstanding performance in Olympiad 2011

Ministerial Award from ministry of Science, Research, and Technology for outstanding performance in Olympiad 2010

Work Experience

Teaching

Responsible for teaching combinatory and programming in Atomic Energy high school, Tehran, Iran 2011– 2015

Responsible for teaching combinatory, algorithms and programming in Salam high school, Tehran, Iran 2010-2012

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Kasra Edalat Nejad

Research Interest

Android Security
Network Security
Privacy
Network
Algorithms and Data Structures

Research Experience

Graduate Research with University of Michigan Apr 2016 – present

Working under the supervision of Prof. Madhyastha. We are creating a Recommender System based on implicit inference of user tendencies while ensuring users privacy against both malicious users and service provider. Research encompasses: Collaborative Filtering, Personalized Search, Anonymous Service, Anonymous Id, location Security, Location Privacy and Positioning Systems.

Papers

Han Zhang, Kasra Edalat Nejad, Amir Rahmati, Harsha V. Madhyastha “Towards Comprehensive Repositories of Opinions”, In 15th ACM Workshop on Hot Topics in Networks (HotNets’16). Atlanta, GA [\[pdf\]](#) Nov 2016

Projects

KSSH - Developing an SSH server as a plugin for Sharif Honeygot ([Repository](#))

ViraConvertor - an scalable online Office to PDF convertor

KilliCent - a micropayment system based on MilliCent ([Repository](#))

DaneshGostar - a Persian Web Based Knowledge Management System ([Repository](#))

Kalendar - a calendar (Gregorian and Jalali) with an internal ToDos and Events for android

KToDo - a work management app for android

KWorld - a simplistic game with OpenGL

imageGL - animated image effects

MSAutomata - a GUI to draw NFA and convert them to Regex and vice versa ([Jar](#))

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Kasra Edalat Nejad

Technical Skills

Programming: proficient in C, C++, Java, Python, Android, Django framework, HTML, CSS, JavaScript

Programming: Familiar with Lisp, Matlab, Verilog, OpenGL, Node.js, Haskell, Racket

Academic Experience

Sharif University of Technology, Tehran, Iran

Fall 2013:

Teaching assistant in “numerical methods (software)”

Teaching assistant in “numerical methods (IT/Hardware)”

Selected Courses

Modern Information Retrieval, Dr. Mahdih Soleymani, 17.8/20, SUT, Fall 2015

Object-Oriented Design, Dr. Raman Ramsin, 17.3/20, SUT, Spring 2014

Software Engineering, Dr. Hassan Mirian, 19.4/20, SUT, Spring 2014

Web Programming, Mr. Sadjad Fouladi, 20/20, SUT, Spring 2014

Network Security, Dr. Morteza Amini, 20/20, SUT, Fall 2014

Mobile Programming, Dr. Omid Jafarinezhad, 18.3/20, SUT, Fall 2014

Programming Languages: Design and Implementation, Dr. Mohammad Izadi, 19.2/20, SUT, Fall 2014

Computer Graphics, Dr. Mansour Jamzad, 18.8/20, SUT, Spring 2013

Artificial Intelligence, Dr. Gholam reza Ghassem sani, 20/20, SUT, Fall 2013

Compiler, Dr. Gholam reza Ghassem sani, 20/20, SUT, Fall 2013

Database Design, Dr. Morteza Amini, 18.5/20, SUT Fall 2013

Engineering Probability and Statistics, Dr. Hossein Ajorlol, 20/20, SUT, Spring 2012

Design and Analysis of Algorithms, Dr. Mohamad Ghodsi, 20/20, SUT, Spring 2012

Theory of languages and Automata, Dr. Ali Movaghar, 18.5/20, SUT, Spring 2012

Data Structures and Algorithms, Dr. Mohammad Ghodsi, 20/20, SUT, Fall 2012

Advanced Programming, Dr. Ali Akbari, 20/20, SUT, Fall 2012

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