




Hadi Safari

🌐 www.hadisafari.ir
✉ hadi.safari@ut.ac.ir

hadisfr  — hadi_sfr  

School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran

- EDUCATION
- ◇ **M.Sc., Computer Engineering: Software Engineering** *2019 – Present*
University of Tehran, Tehran, Iran

 - ◇ **B.Sc., Computer Engineering: Software Engineering** *2015 – 2019*
University of Tehran, Tehran, Iran
Final Project: *Analysing Network of Projects and Users of GitLab*
Supervisor: Dr. Behnam Bahrak
has been defended with score 20 / 20
Ranked 3rd among 52
GPA: 18.11 / 20
Selected Courses: *Object-oriented Design (19.7), Process Algebra & Automata Theory – Graduate Course (19), Formal Methods (20), Programming Languages (20), Software Testing (19.7), Software Engineering (18.3), Computer Networks (20), Internet Engineering (19.6), Algorithmic Graph Theory (17.5), and Theory of Formal Languages & Automata (20)*
 - ◇ **Pre-University, Mathematical & Technical Science** *2014 – 2015*
NODET (SAMPAD) Beheshti High school, Shahr-e Kord, Iran
 - ◇ **Diploma, Mathematics & Physics** *2011 – 2014*
NODET (SAMPAD) Beheshti High school, Shahr-e Kord, Iran
- RESEARCH INTERESTS
- Software Analytics, Mining Software Repositories, Software Architecture, Formal Methods, and Computer Networks
- PUBLICATIONS
- ◇ H. Safari, *Network Analysis of Source Code Hosting Websites: GitLab Case Study*. Miaad Andishe Publication, 2020.
 - ◇ H. Safari, “Statistical analyse of semantic affinity questions’ sources in sarasari public exams,” *Roshd-e Ma’arif-e Islami*, vol. 26, no. 4, pp. 33, 34, 2014.
 - ◇ H. Safari, “Reviewing some properties of n-th-order stars,” *Roshd-e Borhan-e Motavasseta 2*, vol. 23, no. 2, pp. 26, 29, 2014.
 - ◇ H. Safari, “A way to encrypting strings using multidimensional arrays,” in *5th Congress of Basic Sciences of Sampad*, (Kerman, Iran), Allameh Helli 1 High school, may 2013. Ranked 3rd in Mathematics & Computer Science.
- TEACHING EXPERIENCE
- ◇ **Supervising Teaching Assistant, Advanced Programming** *Spring 2020*
University of Tehran, Tehran, Iran for Dr. Ramtin Khosravi
 - ◇ **Chief Teaching Assistant, Formal Methods** *Fall 2019*
University of Tehran, Tehran, Iran for Dr. Fathiyeh Faghik
 - ◇ **Teaching Assistant, Software Engineering** *Fall 2019*
University of Tehran, Tehran, Iran for Dr. Ramtin Khosravi
 - ◇ **Supervising Teaching Assistant, Advanced Programming** *Fall 2019*
University of Tehran, Tehran, Iran for Dr. Ramtin Khosravi
 - ◇ **Teaching Assistant, Writing & Presentation Skills** *Fall 2019*
University of Tehran, Tehran, Iran for Dr. Siamak Mohammadi

- ◇ **Lab Description Editor, Computer Networks Lab** *Fall 2019*
University of Tehran, Tehran, Iran *for Dr. Ahmad Khonsari*
- ◇ **Chief Teaching Assistant, Advanced Programming** *Spring 2019*
University of Tehran, Tehran, Iran *for Dr. Ramtin Khosravi*
- ◇ **Lab Description Editor, Digital Logic Design Lab** *Spring 2019*
University of Tehran, Tehran, Iran *for Prof. Zainalabedin Navabi*
- ◇ **Teaching Assistant, Advanced Programming** *Fall 2018*
University of Tehran, Tehran, Iran *for Dr. Mohammad Amin Sadeghi*
- ◇ **Teaching Assistant, Advanced Programming** *Spring 2018*
University of Tehran, Tehran, Iran *for Dr. Ramtin Khosravi & Dr. M.A. Sadeghi*
- ◇ **Teaching Assistant, Theory of Formal Languages & Automata** *Spring 2018*
University of Tehran, Tehran, Iran *for Dr. Hakimeh Fadaei*
- ◇ **Teaching Assistant, Advanced Programming** *Fall 2017*
University of Tehran, Tehran, Iran *for Dr. Ramtin Khosravi & Dr. M.A. Sadeghi*
- ◇ **Teaching Assistant, Theory of Formal Languages & Automata** *Fall 2017*
University of Tehran, Tehran, Iran *for Dr. Hakimeh Fadaei*
- ◇ **Teaching Assistant, Advanced Programming** *Spring 2017*
University of Tehran, Tehran, Iran *for Dr. Ramtin Khosravi & Dr. M.A. Sadeghi*
- ◇ **Teacher, Literature for National Olympiad** *2017*
NODET (SAMPAD) Ejei 2 High school, Isfahan, Iran
- ◇ **Teacher, Literature for National Olympiad** *2016*
Adab High school, Tehran, Iran
- ◇ **Teacher, Literature for National Olympiad** *2015*
NODET (SAMPAD) Beheshti High school, Shahr-e Kord, Iran

HONOURS
&
AWARDS

- ◇ **Ranked 2nd among 52 Computer Engineering - Software Engineering BSc Students** *2018*
University of Tehran, Tehran, Iran
- ◇ **MSc Admission without Entrance Exam, as Exceptionally Talented Student** *2018*
University of Tehran, Tehran, Iran
- ◇ **Ranked among top 1% of Competitors National Entrance Exam** *2018*
National Organization of Educational Testing, Tehran, Iran
- ◇ **National Gold Medal the 27th Iranian National Olympiad in Literature** *Summer 2014*
Young Scholars' Club, Tehran, Iran
- ◇ **Ranked 11th (Team) Sharif 4th National Students' Competition** *2014*
Sharif University of Technology, Tehran, Iran

WORK EXPERIENCE	◇ Software Developer <i>2019 – Present</i> Radin Bourse, Tehran, Iran
	◇ Information Technology Summer Intern <i>2018</i> ITC Center, Shahr-e Kord University, Shahr-e Kord, Iran
	◇ UI Developer <i>2016</i> Zagros Communications Development Co., Shahr-e Kord, Iran
	◇ Editor <i>2016</i> KheiliSabz Publication, Tehran, Iran
SELECTED PROJECTS	◇ Social Media Word Cloud Generator ~ Open-source Project (Python) <i>2020</i> a series of scripts to generate word cloud from social media posts
	◇ AP HTTP ~ Advanced Programming (as TA) (C++) <i>2018-2019</i> a simple web framework
	◇ Khane-Be-Doosh ~ Internet Engineering (Java, HTML5, CSS3, ReactJS, SQLite) <i>2018</i> a house rent & sell online platform
	◇ TCP over UDP ~ Computer Networks (Java) <i>2018</i> an implementation of a TCP-like RDT protocol over UDP
	◇ Graph Colouring ~ Algorithmic Graph Theory (R) <i>2018</i> greedy & ILP solution for graph colouring problem
	◇ Moodle Judge ~ Advanced Programming (as TA) (Bash Script) <i>2018</i> judge script for Moodle-uploaded codes
	◇ ATALK Compiler ~ Compiler Design and Implementation (ANTLR4, Java) <i>2018</i> a compiler for <i>ATALK</i> , an actor-based programming language
	◇ MIPS over FPGA ~ Computer Architecture Lab (Verilog HDL) <i>2018</i> simulation of MIPS pipelined processor on <i>Intel Altera Cyclone II</i> FPGA
	◇ Agnoster Bash Theme ~ Open-source Project (Bash Script) <i>2017</i> a bash theme like Agnoster zsh theme
	◇ Twitter Followings Clustering ~ Open-source Project (Python) <i>2017</i> a simple Twitter followings clustering script
	◇ DMContest ~ (NodeJS, JQuery 3, HTML 5, CSS 3) <i>2017</i> a website for Discrete Mathematics contest of University of Tehran
VOLUNTEER EXPERIENCE	◇ Executive Committee Member, The 2nd CSI International Symposium on Real-Time and Embedded Systems and Technologies (RTEST) <i>May 2018</i> University of Tehran, Tehran, Iran http://2018.rtest-conf.org
	◇ Editor, F1 Magazine <i>2017</i> ACM Student Chapter, University of Tehran, Tehran, Iran
	◇ Editor, Derang Magazine <i>2017</i> University of Tehran, Tehran, Iran
SKILLS	Programming Languages skilled in Python, experienced in C & C++, traditional web technologies (HTML 5, and CSS 3), Bash Scripting, and familiar with Java, Cucumber, SQL, JavaScript, Promela & Spin, Rebeca Modeling Language, Alloy, and mCRL2
	Tools proficient in git, skilled in Unix terminal, L ^A T _E X, Switch & Router Setup, Microsoft Word, Google Sheets, and familiar with Gephi, Docker, and Computer Graphics (GIMP, InkScape, and ffmpeg)

CERTIFICATIONS ◇ **Git Workshop** *2017*
ACM Student Chapter, University of Tehran, Tehran, Iran

 ◇ **Workshop on Teaching Assistant Training** *2017*
UNESCO Chair on Engineering Education, University of Tehran, Tehran, Iran

HOBBIES Photography, Wooden Mosaic (Moarraaq), Reading, and Editing

REFERENCES Available upon request.