

Education

M.Sc., Software Engineering, Tarbiat Modares University (TMU), Iran, GPA: 3.88/4.0, ranked 1st outstanding student	2019 - 2022
B.Sc., Software Engineering, Babol Noshirvani University of Technology (BNUT), Iran, GPA: 3.55/4.0	2014 –2019

English Published Papers

T. Rostami, S. Jalili, "FrMi: Fault-revealing Mutant Identification using Killability Severity," Information and Software Technology, 2023
[\[link\]](#)

Relevant Formal Experience

Research Assistant, Safety-Critical Software & Systems lab, TMU	(Sep 2020 - Oct 2022)
<ul style="list-style-type: none"> Did research under Dr. Jalili's supervision on applied machine learning for software testing 	
Tutor, Faradars [link]	(Jan 2021 - Mar 2021)
<ul style="list-style-type: none"> Created and taught a C# course on Consuming Web Services 	
Web Developer Intern, Radman	(Jul 2018 - Sep 2018)
<ul style="list-style-type: none"> Developed a website using C#, ASP.NET Core, and SQL Server 	
Teaching Assistant, Advanced Programming course, BNUT	(Feb 2017 - Jun 2017)
<ul style="list-style-type: none"> Designed and oversaw a project and delegated tasks to students 	
Software Developer Intern, Behineh System	(Jul 2015 - Sep 2015)
<ul style="list-style-type: none"> Developed management software using C# and SQL server 	

Selected Academic Projects

Gross Domestic Product (GDP) Estimator	2023
<ul style="list-style-type: none"> Estimating GDP in the absence of historical GDP data using SMT solvers and machine learning clustering algorithms 	
Deep Emotion [link]	2021
<ul style="list-style-type: none"> EEG-based emotion recognition using deep reinforcement learning 	
Harif - B.Sc Final Project [link]	2018
<ul style="list-style-type: none"> A graph-based automatic course-selection software that recommends schedules based on students' preferences 	
Tati Studio	2017
<ul style="list-style-type: none"> A compiler + IDE for TSLANG 	

Computer Skills

- Highly skilled in Microsoft technologies**, with 6+ years of expertise in C#, SQL Server, ASP.NET Core, ML.NET, SignalR, and more
- Highly experienced in data science tools**, with 3+ years of experience in Python, PyTorch, TensorFlow, LightGBM, Optuna, and more
- Familiar with** Z3, PySAT, Pynauty, C, Hugging Face, NLTK, Stable Baselines, PyGad, JavaScript, Java, Hadoop, Docker, Git, and more

Languages

- Persian - Native**
- English - TOEFL iBT: Total 93, Reading 28, Listening 21, Speaking 22, Writing 22, April 01, 2023**