Taha Rostami-Curriculum Vitae

Personal Data

- Phone: +98-(911) 778 4216
- Email: taha.rostami.darunkola@gmail.com
- Website: http://taharostami.github.io/

Education

- Tarbiat Modares University (TMU), Tehran — 2019-2022
- MSc in Software Engineering
- GPA: 18.05/20 (3.88/4.0) out of 26 credits
- Thesis Title: Selecting fault revealing mutants using Ensemble Learning
- Supervisor: Dr. Jalili

- Babol Noshirvani University of Technology (BNUT), Babol — 2014-2019
- BSc in Software Engineering
- GPA: 16.83/20 (3.55/4.0) out of 140 credits
- Thesis Title: Automation of Course-Selection Process by Schedule Recommendation
- Supervisor: Dr. Sakhaei

Awards

Academic

- Ranked 1st at Computer Engineering Dept., TMU, Tehran, Iran, 2021
- Scholarship for MSc in Software Engineering study at TMU, 2019
- Scholarship for BSc in Software Engineering study at BNUT, 2014

Others

- Iran Chess Premier League, 1st with Asa Saraye Sameh Team, 2013
- Ranked 3rd place in Asian youth Blitz chess championships, with Iranian National Team, Southern, Sri Lanka, 2012
- Iran Chess League One,3rd with Asa Saraye Sameh Team, 2011
- Ranked 1st place in Calligraphy Competition, Mazandaran, Iran, 2007

Research Interests

- Program Analysis
- Automated Software Testing
- Formal Methods

- Machine Learning Algorithms
- Decision-making Under Uncertainty
- Complexity Theory & Designing Algorithms

Publications

- T. Rostami, "An interpretable model for predicting non-trivial equivalent mutants of the MART," submitted to The Journal of Systems & Software, 2023
- T. Rostami, S. Jalili, "Predicting useful mutants by fine-tuning the UniXcoder pre-trained model," prepared not submitted yet, 2023
- T. Rostami, S. Jalili, "Predicting fault-revealing mutants by estimating the difficulty of killing them," prepared not submitted yet, 2023
- T. Rostami, S. Jalili, "A heuristic function for improving the prediction accuracy of fault revealing mutants," in 9th Iranian Joint Congress on Fuzzy and Intelligent Systems, 2022
- T. Rostami, S. Jalili, "A method for improving predictive mutation testing that considers the impacts of missing data," in 12th International Conference on Information and Knowledge Technology, 2021

Selected Academic Projects

- DeepRL_EmotionRecognition_UsingEEGsignals: This is a project that I collaborated on with a friend. We used Deep Reinforcement Learning for recognizing emotions based on EEG signals, 2021
- B.Sc project (Harif): Design and Implementation of a graph-based automatic course-selection system that recommends schedules based on student's preferences, 2018
- NitPhoneBook: Design and Implementation of Algorithm and Software for Babol Noshirvani University of Technology to Solve their problem with their out-of-the date phone-book tools, 2018

Work Experience

- Faradars– Teaching Consuming Web Services in C# at a Well-known Educational Website *Faradars*, 2021
- RADMAN- Web Developer as an Intern, 2019
- BNUT- Teaching Assistant Advanced Programming, 2017
- Behineh System- Software Developer as an Intern, 2015
- Asasaraye Same- Chess Player, 2011-2013

Languages

Persian, English

References

- Saeed Jalili, Assistant Professor of Computer Science, TMU, sjalili@modares.ac.ir
- Ali Gholami Rudi, Associate Professor of Computer Science, BNUT, gholamirudi@nit.ac.ir
- Hesam Omranpour, Associate Professor of Computer Science, BNUT, h.omranpour@nit.ac.ir