Iman Rahmati

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Web page: iman.github.io
Github: https://github.com/ImanRHT
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Research Interests: Distributed Systems, Mobile Edge Computing, Deep Reinforcement Learning, Federated Learning, Software Defined Networking, Performance Evaluation

EDUCATION

MSc. Computer Software Engineering Sharif University of Technology (SUT)
Graduated Sep 2022
    17.36/20 GPA (23 units)
    Thesis: Optimizing Computational Task Offloading Problem in Energy-Constrained Mobile
          Edge Computing Systems with Deep Reinforcement Learning
    Supervisor: Prof. **Ali Movaghar**

BSc. Industrial Engineering Khajeh Nasir Toosi University of Technology (KNTU)
Graduated Sep 2019

ACADEMIC EXPERIENCE

Research Assistant

- **Research Assistant at Performance and Dependability Laboratory (PDL)**
  Supervisor: Prof. **Ali Movaghar**   SUT, d 2020-present
  Research Theme: Designed and implemented an algorithm leveraging deep reinforcement learning to optimize computation offloading decisions within mobile edge computing, with a primary focus on enhancing the Quality of Experience (QoE) for end-users of mobile applications.

Teaching Assistant

- **Performance Evaluation of Computer Systems (Head TA)** SUT, 2020-present
  Prof. Ali Movaghar and Dr. Mahdi Dolati

- **Software Defined Networking (Head TA)**   SUT, 2022
  Prof. Ali Movaghar and Dr. Mohammad Hosseini

- **Verification of Reactive Systems**   SUT, 2021
  Prof. Ali Movaghar

- **Theory of Machines and Languages**   SUT, 2021
  Prof. Ali Movaghar

HONORS

- ❖ Ranked Top 25% in the Department of Computer Engineering among M.Sc. Students, SUT, Class 2019   Jul 2022
- ❖ Ranked 55th among 30,000 Participants in the Nationwide University Entrance Exam of Computer Engineering for M.Sc. in the Field of Software Engineering   Aug 2019
- ❖ Ranked Top 1% among 180,000 Participants in the Nationwide University Entrance Exam for B.Sc. in the Field of Mathematics and Physics   Jul 2014

PROJECTS

SELECTED COURSES

PUBLICATION

SKILLS