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**Research Interests:** Distributed Systems, Mobile Edge Computing, Deep Reinforcement Learning, Federated Learning, Software Defined Networking, Performance Evaluation

## EDUCATION

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**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

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### Research Assistant

- **Research Assistant at Performance and Dependability Laboratory (PDL)**  
**Supervisor:** Prof. Ali Movaghar SUT, 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

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- ❖ Ranked Top 25% in the Department of Computer Engineering among M.Sc. Students, SUT, Class 2019 Jul 2022
- ❖ Ranked 55<sup>th</sup> 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

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## SELECTED COURSES

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## PUBLICATION

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## SKILLS

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