



Danial Alihosseini

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Education

Sharif University of Technology

Tehran, Iran

M.SC. IN ARTIFICIAL INTELLIGENCE

2017 - 2019

GPA: **18.84** / 20

Notable Courses

- | | | | | | |
|---------------------------------|------|----------------------------------|------|-----------------|------|
| • Machine Learning | 19.5 | • Probabilistic Graphical Models | 19.7 | • Deep Learning | 19.3 |
| • Stochastic Processes | 17.9 | • Convex Optimization | 19.2 | | |
| • Information Theory and Coding | 16.5 | • Natural Language Processing | 19.5 | | |

Amirkabir University of Technology (Tehran Polytechnic)

Tehran, Iran

B.SC. IN COMPUTER SOFTWARE ENGINEERING

2013 - 2017

GPA: **18.92** / 20

Notable Courses

- | | | | |
|------------------------------|----|---------------------------|----|
| • Foundations of Data Mining | 20 | • Artificial Intelligence | 20 |
| • Stochastic Processes | 20 | • Engineering Statistics | 17 |

Projects

Conditional Text Generation with Neural Networks

MASTER THESIS

Voice Search Engine on Persian Poems

BACHELOR THESIS

MAP and Bayesian Training of a Recommender System

PROBABILISTIC GRAPHICAL MODELS COURSE

Designing Agents for Pacman Game

ARTIFICIAL INTELLIGENCE COURSE

Localization of Humanoid Robots in Football Field

RESEARCH AT AUTMAN (AUT-UoFM)

Design and implementation of a 2D Multiplayer Game with JAVA

ADVANCED PROGRAMMING COURSE

Teaching Assistance

- | | |
|------|---|
| 2018 | Machine Learning , Dr. Mahdiah Soleymani & Prof. Hamid R. Rabiee |
| 2017 | Advanced Programming , Dr. Seyed Majid Noorhosseini |
| 2017 | Design of Algorithms , Dr. Zahed Rahmati |
| 2016 | Operating Systems , Dr. Nastooh Taheri Javan |

Sharif University
Amirkabir University
Amirkabir University
Amirkabir University

Publications

Jointly Measuring Diversity and Quality in Text Generation Models

2019

DANIAL ALIHOSSEINI, EHSAN MONTAHAEI, MAHDIEH SOLEYMANI BAGHSHAH

Proceedings of the Workshop on Methods for Optimizing and Evaluating Neural Language Generation.

Honors & Awards

- 2018 **Qualified**, as a member of Iran's National Elites Foundation
- 2017 **Direct Admission to M.Sc. Program**, in Artificial Intelligence at Sharif University of Tech. and Amirkabir University of Tech.
- 2017 **Ranked 2nd**, (out of 100) based on GPA of B.Sc students of 2013 entrance at Amirkabir University of Tech.
- 2016 **Qualified**, as National Scientific Olympiad of Computer Engineering team member
- 2015 **Ranked 3rd**, in Humanoid Teen Size Robot League as a AUTMAN (AUT-Uofm) team member; RoboCup 2015, Hefei, China
- 2013 **Ranked Top 0.1**, in the Country-wide University Entrance Exam

Presentation

Approximate Methods in Reinforcement Learning

2019

INSTRUCTOR AT WORKSHOP

Institute for Research in Fundamental Sciences (IPM), Tehran, Iran

The Remote Presentation of "Jointly Measuring Diversity and Quality in Text Generation Models" paper

2019

SPEAKER

Minneapolis, Minnesota, United States