Alireza Dizaji

Curriculum Vitae

Tehran
Iran
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Born on March 17th 1999 - Tehran, Iran

Research Interests

○ **Computer Vision, Machine Learning, Reinforcement Learning, Autonomous Driving, AI for Healthcare**

Education

2013–2017 **Diploma**, *Allame Amini*, *19.83 out of 20*.

2017–present **BSc. Computer Engineering**, *Sharif University of Technology*, Tehran, *17.9 out of 20*.
Last Six Semesters' Avg. : 18.51 out of 20

Honors and Rewards

2017 Iran's national university entrance exam (Konkur) ,Ranked 37th among >350k students nationwide

2017-Present Membership, at iranian national elites foundation

Licenses and Certifications

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, *Coursera*, Grade Achieved: 90%, Click here to see credential .

Convolutional Neural Networks, *Coursera*, Grade Achieved: 97%, Click here to see credential .

Introduction to Data Science in Python, *Coursera*, Grade Achieved: 90%, Click here to see credential .

Related Courses

- Convolutional Neural Networks for Visual Recognition (audited, online Stanford)
- Machine Learning (audited, online Stanford)
- Artificial Intelligence (20/20)
- Intro to BioInformatics(20/20)
- Data Structures and Algorithms (20/20)
- Linear Algebra (18.3/20)
- Modern Information Retrieval (17.7/20)
- Software Engineering (18.5/20)
- Database Design (18.7/20)

- Design of Algorithms (17/20)

Research Experience

April 2021 -
present
R&D scientist, *@AI-Med*, Iran, Full-time.
Responsibilities: Research and Develop Deep learning methods for breast cancer detection and tumor localization in mammography screening, under supervision of Prof. Rabiee

August 2020 -
March 2021
Undergraduate research assistant, *Sharif University of Technology*, Iran, part-time.
responsibilities: Research and develop applications of contrastive learning approaches within a computer vision project; at Data Science and Machine Learning Lab (@DML)

Teaching Experience

- Machine learning (M.Sc. course), Dr. Rohban: spring 2021
- Modern information retrieval, Dr. Soleymani: spring 2021
- Artificial intelligence, Dr. Rohban: fall 2020
- Linear algebra, Prof. Rabiee: fall 2020
- Computer architecture, Prof. Asadi: spring 2020
- Data structures and algorithms, Dr. Safarnezhad: spring 2020
- Advanced programming, spring 2019: Mr. Hatami

Other Experience

Jul 2019 -
Sep 2019
Software engineer intern, *Rahnema College*, Tehran.
working on an auction mobile app with Java Spring and React Native frameworks.

Aug 2020
Mentor, *MadeInLobby event 2020*, Tehran.
at computer vision workshop, I presented Numpy package for the first-year undergraduate students, Sharif University of Technology.

Languages

English | Professional working proficiency
Persian | Native or bilingual proficiency

Computer Skills

Programming | Python, Latex, Java, JavaScript, Android, MySQL
Libraries | Pytorch, Keras, Tensorflow, Pandas, Scikit-learn, NumPy, Seaborn, OpenCV