

Alireza Dizaji

Curriculum Vitae

Tehran

Iran

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📄 alirezadizaji.github.io

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, 17.84 out of 20.

Last Six Semesters' Avg. : 18.36 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 (self-taught, Stanford)
- Machine Learning (self-taught, 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 - **R&D scientist**, @AI-Med, Iran, Full-time.
present **Responsibilities:** Research and Develop Deep learning methods for breast cancer detection and tumor localization in mammography screening, under supervision of Prof. Rabiee
- April 2020 - **Undergraduate research assistant**, Sharif University of Technology, Iran, part-time.
May 2021 **responsibilities:** Research and develop applications of contrastive learning approaches within a computer vision project; at Data Science and Machine Learning Lab (@DML)

Teaching Experience

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

Other Experience

- Jul 2019 - **Software engineer intern**, Rahnema College, Tehran.
Sep 2019 working on an auction mobile app with Java Spring and React Native frameworks.
Aug 2020 **Mentor**, MadelInLobby 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