

Amirshayan Nasirimajd

Curriculum Vitae

Turin
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Google Scholar



Research Interests

Computer Vision
Machine Learning & Deep Learning
Artificial Intelligence & Robotics
Data Science and Data Engineering

Education

- 2021-present **Polytechnic University of Turin**, Department of Control and Computer Engineering, M.Sc. in Data Science And Engineering, Turin, Italy
- 2016-2020 **Yazd University**, Computer Engineering Department, B.Sc. in Computer Engineering, Yazd, Iran
The admission requirement is top-ranked among the top 10% in Nationwide University Entrance Exam.
GPA: **(17.75/20) (3.8/4)** (Top 5 student of my graduating class)
Last Two Year GPA **(18.05/20) (3.96/4)**
Specialized Courses GPA: **(18.24/20) (4/4)**
- 2012-2016 **ALame Heli High School**, Diploma Degree In Mathematics and Physics
GPA: **(18.31/20)**

Honor and Awards

Holder of Invest Your Talent (IYT) Scholarship

2017-2020 **Iran's NATIONAL ELITE FOUNDATION MEMBER**

2010-2016 **National Organization for Development of Exceptional**

Publications

Esmaeili Najafabadi, Hamid; Zhang, Zhenkai; Yousefan, Mahdi; Nasirimajd, Amirshayan (2022): Anomaly Detection Based on Sigmoid Metric and Object Area Filtering in Hyperspectral Images. TechRxiv. Preprint. <https://doi.org/10.36227/techrxiv.19400612.v1>

Teaching Experience

- 2020 **TEACHER ASSISTANT FOR ALGORITHM DESIGN**
Dr. Sajjad Zarifzadeh
- 2019 **TEACHER ASSISTANT FOR ALGORITHM DESIGN**
Dr. Sajjad Zarifzadeh
- 2017 **TEACHER ASSISTANT FOR FUNDAMENTAL OF PROGRAMMING**
Dr. Mohammad-Reza Pajoohan

Work Experience

- 2017 **SOFTWARE ENGINEER INTERN**
link saafaa.ir

Researches And Projects

- 2022 **Sentiment Analysis of Twitter Dataset**
Academic Project
Advisor: Dr. Elena Baralis
- 2021 **Anomaly Detection Based on Sigmoid Metric and Object Area Filtering in Hyperspectral Images**
Researched paper
Co workers:
Mahdi Yousefan B.Eng Computer engineering, Yazd university
Hamid Esmaeili Najafabadi PostDoc associate Electrical and Computer Engineering, University of Calgary
- 2020 **Application Of COMPUTER VISION IN A TOURISTS MANAGEMENT APP**
Academic Project
Advisor: Dr. sc. Mehdi Rezaeian
- 2019 **DOCUMENT INDEXING FOR LOCAL CLIENT-SERVER SEARCH ENGINE**
Academic Project
Advisor: Dr. Ali Mohammad Zareh Bidoki
- 2018 **IMPLEMENTATION OF EDGE DETECTION ALGORITHM ON XILINX SPARTAN 6**
Academic Project
Dr. Hadi Safdarkhani

Technical Skills

- Programming Languages **Java, Python, C/C++**
SQL, NoSQL
- Web Development **Django, JavaScript, HTML, CSS**
- Framworks & Libraries **TensorFlow, Keras, Scikit-Learn**
Pandas, Verilog, Android, MongoDB
- Tools **Git , LaTeX , Matlab , Proteus , Code Vision(AVR) , Arduino**

Languages

- Persian** (Native)
English (Fluent)
IELTS: L-6.5 R-8 W-7 S-7 Overall-7
Italian (Basic)
German (Basic)

Reference

- Dr. Ali Mohammad Zareh Bidoki**
Assistant Professor
Department of Computer Engineering
Yazd University
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