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Personal information

Surname(s) / First name(s)	**Aydin, Ayanzadeh**
Address(es)	Department of Applied Informatics, Informatics Institute, Istanbul Technical University.
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Email(s)	ayanzadeh17@itu.edu.tr
Nationality(-ies)	Iranian
Date of birth	Sep 4 1993
Gender	male

Education & training

Feb 2017-present

Studying master of Applied Informatics at Istanbul Technical University. **GPA: 3.67 out of 4**. **Advisor: Assoc. Prof. Dr. Behçet Uğur Töreyin**

Sep. 2011- April 2016

B.Sc in Computer Science, **GPA: 14.58 out of 20**. University of Tabriz, Tabriz, Iran
Bachelor's project: Image edge detection using ant colony optimization algorithm. In this project, we present a modified method for image edge detection based on the Ant Colony Optimization. we have large number of experiments to find out the suitable threshold for proposed method. we prove our work through results of experiment and clearly indicate how the ACO can extract edges in efficient way. (I have an International conference publication based on my B.Sc. project).

Research Interest

- **Computer Vision**
- **Deep Learning**
- **Machine Learning**
- **Medical Informatic**

Work experience & Current Work

Sep 2014-2015

Secretary Of the Scientific Association at Computer Science Department, Faculty of mathematical sciences, university of Tabriz

Aug 2015

Executive Secretary Of Committee in The 20th International Symposium on Computer Science and Software Engineering (CSSE 2015),University of Tabriz

Nov 2014	Executive Secretary Of Committee in the Second Computer Science Conference on Computer and Information Technology, University of Tabriz, November 2014
March2017-Present	Deep Learning Researcher SiMiT Lab., Istanbul Technical University Researched applications of Deep Learning in Computer Vision
April 2015-March2016	Member of Image processing Team, University of Tabriz

Highlighted Skills

Programming Languages and Libraries
Python, Tensorflow, Keras, Caffe, MATLAB, OpenCV, and familiar with C++ Other Experience with local Linux servers and remote servers on Google Cloud Platform, AWS.

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Experience with local Linux servers and remote servers on Google Cloud Platform, AWS.

Publications

Ayanzadeh, A., Pourghaemi, H., & Seyfari, Y. (2015, November). A modified ant colony based approach to digital image edge detection, IEEE Conference Publications, In 2015 2nd International Conference on Knowledge-Based Engineering and Innovation (KBEI) (pp. 504509). IEEE.

Safar Irandoust-Pakchin, Aydin Ayanzadeh, Siamak Beikzadeh. "Gaussian Three-Dimensional SVM kernel for Edge Detection Applications ", the International Conference in New Research of Electrical Engineering and Computer Science (September 2015).

Published conference paper in the International Congress on Management, Economy and Business Development 28/10/2015, with title: The Investigation and Ranking of The Effective Factors on Customers' Loyalty of Laleh-Park using AHP.

Highlighted certificates

Apr 21, 2018	**Deep Learning**, a 5-course specialization by deeplearning.ai on **Coursera**
March 11, 2018	Python for Everybody, a 5-course specialization by University of Michigan on **Coursera**
Jan 21, 2018	**Image and Video Processing**: From Mars to Hollywood with a Stop at the Hospital Duke university & Fundamentals of Digital Image and Video Processing by Northwestern University.
Aug 2015	Workshop certification "Software Test and Quality Engineering ". The 20th International Symposium on Computer Science and Software Engineering (CSSE 2015),University of Tabriz

Projects

Jan 2018-Present	**Object tracking of RGBD images using deep learning Approach**
May 2017	**Kaggle YouTube-8M Video Understanding Challenge with Inception Features and Deep Neural Networks.**
	Examined Deep Neural Networks with skip connections for Video Understanding Challenge on Kaggle.
Oct 2017-present	**Dog Breed Identification with Deep learning Models,Kaggle Project**

Nov 2017	**Lane Detection of the Road in the Autonomous Driving Vehicles**
	I leverage an application to lane detection of the road in the urban streets based on the some image processing techniques, we will evaluate the performance of method in different type of the datasets such as straight and curve road in different weather condition.

Honors & Awards

May 2017	Bronze medal of Google Cloud & YouTube-8M Video Understanding Challenge in the competition of Kaggle
June 2011	One of the top **2%** students in the nationwide university entrance exam among more than 500000 participants

Mother tongue(s)	**Azerbaijani**
Other language(s)	English, Turkish, Persian

Self-assessment
European level(*)

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
English C2	C2	C1	C1	C2
Persian C2	C2	C2	C2	C2
Turkish C2	C1	C1	C1	C1

(*)*Common European Framework of Reference (CEF) level*

Additional information

Extracurricular Activities:

Photography, Camping, Hiking

Reading Books about: Fundamentals of Management, Inspiring Leadership through Emotional Intelligence, Business Strategy and Novel books

References

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Website & Profiles

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Linkein	https://www.linkedin.com/in/ayanzadeh93
Github	https://github.com/Ayanzadeh93