

M. Furkan ATASOY



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atasoyfurkan.github.io/about



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Education

Bachelor of Science: Computer Engineering (Senior Year)

Bogazici University, Istanbul, Turkey | Sep 2017 - Present

- Overall GPA: 3.48/4.00
- GPA in Computer Engineering courses only: 3.77/4.00

High School Diploma

Bahcesehir High School, Igdir, Turkey | Sep 2013 - Jun 2017

- GPA: 97.52/100
- Rank: 1/82

Work Experience

Data Scientist - Artificial Intelligence Expert Team

ING Bank, Istanbul, Turkey | Oct 2021 - Present

- Working on optimizing ATM cash management with Machine Learning

Research Intern - Deep Learning

Alma Mater Studiorum-Università di Bologna, Bologna, Emilia-Romagna, Italy | Jul 2021 - Sep 2021

- github.com/Bologna-Internship/Autoencoder-for-Anomaly-Detection
- Worked on anomaly detection of Marconi100 supercomputer
- Developed an Autoencoder model to detect anomalies
- Proposed new architectures that are based on Autoencoder but use a statistical method, and a Classifier to improve the results

Research Intern - Artificial Intelligence

Reminisce Inc, Istanbul, Turkey | Jul 2020 - Oct 2020

- Worked on Image Enhancement
- Researched papers on traditional and modern approaches to enhance quality of an image with Deep Learning models (CNN, GAN, SRGAN)
- Developed product with AI team on enhancing quality of an image and automatic retouching systems

Student Assistant - Software Engineer

Bogazici University Computer Center, Istanbul, Turkey | Feb 2020 - Jul 2020

- Developed software for university with Javascript and Java

Languages

- Turkish: Native
- English: C1

Skill & Expertise

Programming Languages and Libraries:

- Python, Java, C++, JavaScript, HTML and CSS, Tensorflow, PyTorch, Pandas, Scikit-learn, Node.js, React, React Native, Django

Publications

Text and Image Guided 3D Avatar Generation and Manipulation

M. Furkan Atasoy, Zehranaz Canfes, Alara Dirik, Pinar Yanardag | Feb 2022

- **Topics:** Computer Vision, Graphics, Machine Learning
- Submitted to ICML 2022
- arxiv.org/abs/2202.06079

Certificates

Deep Learning Specialization

Coursera | Mar 2021

- Credential ID: 86SAPLZPRJQ8
- [See Credential](#)

Leadership Development Experience

AIESEC | Aug 2018

- Volunteered to reduce inequalities by supporting refugees
- Credential ID: 4141251
- [See Credential](#)

University Entrance Exam - Merit Scholarship

ÖSYM | Jul 2017

- 53rd out of 1.8 million in Turkey
- Received a scholarship from ministry
- Credential ID: ZVZPD6MF
- [See Credential](#)

Hobbies

- **Taekwondo:** Did Taekwondo professionally for 6 years and have 3 golden and 2 silver medals from national competitions
- **Sailing:** Sailed professionally for 1 year at Bogazici University Sailing Club