

Yusuf Aslan
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EDUCATION

- 2019 Sep. – 2020 Oct. **Loughborough University, London**
Cybersecurity and Big Data, M.Sc
Grade: Distinction
Dissertation: Explainable Deep Learning: A Study on Understanding Learning Process of Convolutional Neural Networks with Information Theory
- 2019 Aug. – 2019 Sep. **Loughborough University, Leicester**
Academic English, Pre-Sessional Course
- 2014 Sep. – 2018 June **Istanbul Technical University, Istanbul**
Electronic and Communication Engineering, B.Sc.
GPA: 2.75 / 4.00
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WORK EXPERIENCE

- 2021 Jan. – Present **Information and Communication Technologies Authority of Turkey**
Software Engineer | Ankara, TURKEY
He is currently working at the national cybersecurity team (TR-CERT) as a software engineer. He took part in the Kasirga and Hazne projects. These are projects that aim to scan active IPs in public institutions across the country, identify security vulnerabilities and provide feedback. Then he designed and proposed a project that will result in a platform for Automatic Android Malware analysing with Machine Learning (ADAM). The project aims to provide the opportunity to customize the analysis to be made and to create a dataset from the analysis results. This platform will be used by more than 1700 security teams of public institutions.
- 2018 Sep. – 2019 Aug **Turkish Airlines**
Python Developer | Istanbul, TURKEY
Yusuf worked at the network operations directorate of the company. He has worked in the projects that aim maximizing network (more than 60.000 device) performance by monitoring performance, troubleshooting network problems and outages, scheduling upgrades and collaborating with network architects. Created automation tools in Python to use in VLAN migration operations, scan and fix the out-of-date network device configurations. Developed Python scripts mainly for use in network operations.
- 2018 Jan. – 2018 July **Ambeent Inc.**
Data Science Intern | Istanbul, TURKEY
During the senior year of undergraduate study, he worked as a data scientist at Ambeent Inc. Carry out different projects such as specific product recommendation system design per customer for e-commerce companies, prediction of sales for the fast food company. Within these projects he improved his programming skills and got hands-on experience with tools and libraries such as Scikit-learn, Tensorflow.

LANGUAGES

Turkish / Native Language
English / Advanced

SKILLS

Programming: Matlab, Python, Pandas, TensorFlow, PyTorch, Scikit-learn, Numpy, SQL, Flask
Concepts: Machine Learning, AI, Computer Vision, Statistical Learning, Data Analysis

CERTIFICATES

Oct. 2021	AWS Machine Learning Foundations, issued by Udacity
Sep. 2021	AI for Everyone, issued by Coursera
May. 2017	Entrepreneurship and Innovation, issued by ITU-TUBITAK
May. 2016	Introduction to Mobile Communication, issued by ITU-Turkcell

VOLUNTEERING

2017 Sep. – 2018 June	Architects and Engineers Group (MMG) Member of Youth MMG <ul style="list-style-type: none">• He was in the core organization team of 2nd and 3rd R&D and Innovation Summit which hosted over 10,000 people each time including senior bureaucrats and academicians (2017&2018).• He conducted correspondences between speakers and the organization board.
2017 July – 2018 June	Kashif Education Consultancy Mentor <ul style="list-style-type: none">• He joined “Kashif Education”, a local institution, where he was a part of the mentor team. For one year he mentored three high school students. The main purpose in that project was helping students to discover their abilities and interests to create a better future.