REFIK CAN MALLI

Graduate Student

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EXPERIENCE

Thesis Student
Polimi AIRLAB

📅 Apr. 2019 – Cont.   ⚲ Milan, Italy

- Built adversarial attacks against neural networks.
- Designed defense methods for adversarial attacks.

Research Assistant
ITU Smart Interaction and Mobile Intelligence Lab.

📅 Oct. 2015 – Jun. 2016   ⚲ Istanbul, Turkey

- Built deep learning based age and gender estimation system from face images.
- Developed edge computing mobile applications powered by deep learning and computer vision.

Android Developer Intern
Turkcell Technology

📅 Agu. 2015 – Sep. 2015   ⚲ Istanbul, Turkey

- Implemented RESTful client Android application.
- Optimized server connection speed/performance of Turkcell Hesabım Application.

Summer Intern
ASELSAN

📅 Jul. 2015 – Agu. 2015   ⚲ Ankara, Turkey

- Designed and simulated a high frequency & high gain satellite space antenna with HFSS tool.
- Worked on horn antennas and wave guides.

Summer Intern
ITU Embedded Systems Software Laboratory

📅 June. 2014   ⚲ Istanbul, Turkey

- Developed embedded applications with Texas Instruments MSP430 Series Microcontrollers.
- Analyzed Clock Cycles, Timers and interrupt Structures, Communication protocols (SPI, I2C, UART).

PUBLICATIONS

📄 Journal Articles
- Meden, Blaž et al. (2017). "Face deidentification with generative deep neural networks". In: *IET Signal Processing* 11.9, pp. 1046–1054.

👥 Conference Proceedings
- Malli, Refik Can, Mehmet Aygün, and Hazim Kemal Ekenel (2016). "Apparent age estimation using ensemble of deep learning models". In: *Computer Vision and Pattern Recognition Workshops (CVPRW), 2016 IEEE Conference on.* IEEE, pp. 714–721.

EDUCATION

M.S. in Computer Science and Engineering
Politecnico Di Milano

📅 Feb 2017 – Expected July 2020 - GPA : 3.30

- Specialized in machine learning and deep learning

B.S. in Electronics and Telecommunication Engineering
Istanbul Technical University

📅 Sept 2012 – June 2016 - GPA : 3.28

- Specialized in signal processing

EXTRACURRICULAR ACTIVITY

Teaching Assistant
NVIDIA GTC Europe 2017

📅 October 2017   ⚲ Munich, Germany

- Medical image segmentation.
- Image and video captioning.
- Text sentence generation.

Embedded Software Developer
ITUSAT CANSAT TEAM

📅 Nov. 2014 - Jun. 2015   ⚲ Texas, U.S.A

- Created Flight Software Architecture on satellite embedded system.
- Implemented communication protocol over 2.4 GHz band.

CERTIFICATES

Facebook Pytorch Scholarship
Udacity

📅 January 2019

Deep Learning Specialization
Deeplearning.ai

📅 January 2019

COMPUTER SKILLS

Programming Languages

Python   MATLAB   C   C++   Swift

Software Libraries

Keras   Tensorflow   PyTorch   OpenCV

LANGUAGES

Turkish   ●●●●●
English   ●●●●○