Refik Can **Mallı**

☐ (+90) 537-344-2956 | ✉ refikcan.malli@mail.polimi.it | 🏠 rcmalli.github.io | ⭘ rcmalli

Education

Polytechnic University of Milan   *Milan, Italy*
M.S. in Computer Science and Engineering   *Feb. 2017 - Exp. Mar. 2019*

Istanbul Technical University   *Istanbul, Turkey*
B.S. in Electronics and Communication Engineering   *Sep. 2012 - Jun. 2016*
GPA : 3.28/4.00

Research Interests
- Deep Learning
- Computer Vision
- Mobile & Embedded applications

Publications

Face Deidentification with Generative Deep Neural Networks   *IET Signal Processing*
Meden, B., Malli, R., Fabijan, S., Ekenel, H., Struc, V., & Peer, P.   *March 2017*

Apparent Age Estimation Using Ensemble of Deep Learning Models   *CVPRW 16*
Malli, R. C., Aygün, M., & Ekenel, H. K.   *June 2016*

Work Experience

ITU Smart Interaction and Mobile Intelligence Lab.   *Istanbul, Turkey*
Research Asistant   *Oct. 2015 – Jun. 2016*
- Real time age and gender estimation system from face images using Deep Learning, Caffe, Python, OpenCV and Dlib
- Mobile application development based on machine learning, deep learning and image processing

Turkcell Technology   *Istanbul, Turkey*
Android Developer Intern   *Agu. 2015 – Sep. 2015*
- Android RESTful network client implementation
- Application performance optimizations on Turkcell Hesabım App.
- Git based software project management

ASELSAN   *Ankara, Turkey*
Summer Intern   *Jul. 2015 – Agu. 2015*
- Designing and simulation of high frequency& high gain satellite space antenna
- Usage of HFSS antenna simulation tool.
- Theoretical and practical understanding of horn antennas and wave guides.

ITU Embedded Systems Software Laboratory   *Istanbul, Turkey*
Summer Intern   *June. 2014*
- In depth understanding of Texas Instruments MSP430 Series Microcontrollers
- Clock Cycles,Timers and interrupt Structures,Communication protocols (SPI, I2C, UART)
- Low Power application design

Marketika   *Istanbul, Turkey*
Android Developer   *Feb. 2014 – Oct. 2014*
- E-commerce Android application development
- User interface design and programming

Extracurricular Activity

NVIDIA GTC Europe 2017   *Munich, Germany*
Teaching Assistant   *October 2017*

- Medical image segmentation with Tensorflow
- Image and video captioning with Tensorflow
- Sentence generation with Tensorflow

ITUSAT CANSAT TEAM   *Texas, U.S.A*
Embedded Software Developer   *Nov. 2014 - Jun. 2015*

- Creating Flight Software Architecture on satellite microcontroller
- Calibration of environmental sensors and real-time processing
- Commucation control over 2.4 GHz band
- Designing printed circuit board

Computer Skills

Programming Languages

- C, C++, Python, Java, MATLAB, Swift

Software Libraries

- Keras, Tensorflow, PyTorch, OpenCV, Dlib, LibSVM, Scikit-learn