PERSONAL PROFILE

Anıl Adar received the B.Sc. degree (Hons.) from the Department of Electrical and Electronics Engineering, Yaşar University, Izmir, Turkey. He is currently pursuing the Master's degree in ICT for Internet and Multimedia in the Department of Information Engineering, University of Padova, Italy.

LANGUAGES

- English
- Turkish (Mother Tongue)
- Italian
- German

TECHNICAL SKILLS

- MATLAB/Simulink
- C/C++
- python
- AutoCAD
- KiCAD
- Microsoft Office

SOFT SKILLS

- Communication
- Ability to work under pressure
- Time Management
- Project Management

CLUB & ASSOCIATIONS

- IEEE Membership #96019437
- IEEE Student Branch Power & Energy Society Coordinator

CONTACT ME AT

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ANIL ADAR

GRADUATE STUDENT

EDUCATIONAL HISTORY

Università degli Studi di Padova

Masters in ICT for internet and multimedia | Sep 2019 - present

- GPA: 24.75/30.0

Yasar University

BA Electrical and Electronics Engineering | Sep 2014 - Jun 2019

- GPA: 3.47/4.00
- IEEE Student Branch Power & Energy Society Coordinator

PROJECTS

Video Transmission via Visible Light Communication

Senior Design Project | Nov 2018 - May 2019

- Circuitry design of audio channels with KiCAD
- Optical lens adjustment for video coloring
- Creating technical report and literature review

Development of Channel Models and Techniques for Visible Light Communication

Scientific Research Project | May 2019 - Feb 2020

- Creating the simulation environment
- Image/Video Processing(Real-Time Tracking) in openCV with python
- Line of Sight and Non-Line of Sight analysis for human behaviour

Analysis of Vodafone Users' Fluxes

Research Project | Feb 2020 - Jun 2020

- A flow of Vodafone users is analyzed with python libraries such as pandas/sci-kit learn to discover areas where investments can be made in infrastructures and local transportation in Padova.

PUBLICATIONS

Characterization of Line-of-Sight Link Availability in Indoor Visible Light Communication Networks Based on the Behavior of Human Users

IEEE Access Journal Paper | 17 Feb 2020

- The line-of-sight (LOS) link availability in indoor visible light communication (VLC) networks based on the behavior of human users is characterized.
- Yaşar University SRP Grant - Project Assistant

Design of a Low-Cost Visible Light Communication (VLC) System for Music and Video Streaming

Innovations in Intelligent Systems and Applications Conference | 2 Nov 2019

- A VLC system which is able to stream music and video is designed and demonstrated. The designed VLC system is able to transmit and receive video and audio signals and capable of communicating at a data rate of 7.14 Mb/s at a distance of 10.5 cm
- TUBITAK 2209B Grant