

Sabri Bolkar

+90-538-363-82-25

sabribolkar@gmail.com - bolkar.sabri@metu.edu.tr

EDUCATION

Bachelor of Science, Electrical & Electronics Engineering
Middle East Technical University, Ankara, expected May 2016
Concentration: Electronics & Biomedical Engineering

EXPERIENCE

Undergraduate Researcher June 2015 -
Spectral Imaging lab - METU *Supervisor: Assist. Prof. Sevinc Figen Oktm*

- Wrote a review paper on medical spectral Imaging

IC Engineer Intern August - September 2015
Mikro-Tasarm Electronics Inc. - Ankara

- Developed a FPGA prototype of a digital oscilloscope using Verilog HDL
- Designed special clock management hardware that can output desired clock frequencies

Computer Network Engineer Intern June-August 2015
KocSistem Information Communication Services Inc. - Ankara

- Designed and simulated network architecture of a large company

Summer Research Intern Summer 2014
Biomedical Signal Processing Lab, Technical University of Denmark, Copenhagen
Research Project Title: Feature Extraction from EEG signals to be used in Brain Computer Interface for Rehabilitation of ADHD

- Collected EEG data from 10 healthy subjects, Hvidovre Hospital, Copenhagen
- Utilized MATLAB and EEGLAB to extract attention related features from brain signals for covert and overt cases

CURRICULAR PROJECTS

Lab Project: Implementation of an arcade game on FPGA - Spring 2015
Course: Digital Electronics

Term Project: MATLAB simulation of Computed Tomography System - Fall 2014
Course: Introduction to Medical Imaging

Lab Project: AM Radio Receiver with Automatic Gain Control Unit - Fall 2014
Course: Analog Electronics

AWARDS

Best Research Poster Award, METU Undergraduate Science Fair May 2015
Title: Brain Computer Interface Design Using SSVEP

Erasmus Summer Internship Grant Summer 2014

Scholarship of METU Alumni Association 2014 - 2015

SKILLS

Language: Turkish (Native), English (Advanced), German (Basic)
Computer: MATLAB, C++, C, Verilog, EEGLAB, LaTeX, Agilent VEE, Altera Quartus, LTspice, Office Suites, Adobe Photoshop and Illustrator

ACTIVITIES

Basketball Player, METU University Team
Volunteer for children with leukemia, autism, Down syndrome, CP ODTU LODOS
Digital Media & Animation Designer, Freelance work
Amateur Artist (Drawing)

REFERENCES

Associate Professor Sadasivan Puthusserypady,
Department of Electrical Engineering
Technical University of Denmark
Orstedes Plads Building 349, room 118 2800 Kgs. Lyngby
Mail: spu@elektro.dtu.dk tlf: +45-45-25-36-52
Relationship: Past Internship Supervisor