

Zeynep Arlı

CONTACT INFORMATION

Working Address: Işık University, Electrical and
Electronics Engineering
Department Kumbaba Mevki,
Şile Istanbul, Turkey.

Email: zeynep.arli@isikun.edu.tr

Telephone: +90 (216) 528 7126

Web: www.linkedin.com/in/zeynep-arli/



EDUCATION

M.Sc. in Electronics Engineering 2022-Present
Işık University, Istanbul, Turkey
Supervisor: Prof. Dr. Onur Kaya
GPA: 4/4

B.Sc. in Biomedical Engineering 2018-2022
Işık University, Istanbul, Turkey, Electrical and Electronics Engineering Department
Major: Biomedical Engineering
Minor: Signal Processing and Communication
GPA: 3.16/4, Graduated with the 3rd rank

PROFFESIONAL EXPERIENCE

Research Assistant 2023-Present
Işık University, Electrical and Electronics Engineering, Istanbul, Turkey

Research Fellow (AYD Scholarship Holder) 2022-2023
Işık University, Electrical and Electronics Engineering, Istanbul, Turkey

Summer Intern 2022
Kiwa Meyer, Istanbul, Turkey

Student Assistant 2020-2022
Işık University, Istanbul, Turkey, Electrical and Electronics Engineering Department
Assisted the following laboratories: Electrical Circuits, Electronics, Biomedical
Instrumentation I&II

Summer Intern 2021

Memorial Bahçelievler Hospital, Istanbul, Turkey

AWARDS & HONORS

- Full Scholarship at Işık University, including AYD Scholarship program, 2022
- Most Innovative B.Sc. Graduation Project Award, Işık University, Istanbul, Turkey, “*System for adaptive extraction of non-invasive fetal electrocardiogram*”, 2022
- Graduated with the 3rd rank in biomedical engineering, Honor Student, Işık University, Istanbul, Turkey, 2022
- OSYM %100 Scholarship for B.Sc. Education, 2018-2022

TEACHING EXPERIENCE

Circuit Theory I, Problem Sessions (S2023)

Circuit Theory II, Problem Sessions (S2023)

Communication Simulation Techniques and Laboratory (F2022)

Biosignal Processing Laboratory (S2023)

Electrical Circuit Laboratory (F2022-S2023)

Logic Design Laboratory (F2022-S2023)

Biomedical Instrumentation Laboratory (F2022)

Electronics Laboratory (F2022)

All courses taught at Işık University, Istanbul, Turkey.

ATTENDED COURSES IN GRADUATE LEVEL

Wireless Communications

Information Theory and Coding

Statistical Signal Processing

Applied Electromagnetics

Advanced Digital Signal Processing

Graduate Seminar

Scientific Research Methods, Ethics in Research and Publication

COMPUTER SKILLS

- MATLAB
- LaTeX

- Office Tools (Word, PowerPoint, Excel)

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LANGUAGE SKILLS

Turkish	English	Japanese
Native Speaker	Professional working proficiency	Elementary proficiency

CERTIFICATES

- TS EN 60601-1:2009/A12:2015, Medical electrical equipment – 2022, Part 1: General requirements for basic safety and essential performance
Kiwa Turkey, Credential ID TR-2022-1197, 2022-No Ending Time
- Clinical Evaluation of Medical Devices & Post-Market Surveillance Training
Kiwa Turkey, Credential ID TR-2022-1197, 2022-No Ending Time
- ISO 13485: 2016 Medical devices — Quality management systems
TSC Academy, Credential ID 2020/ 89617, 2020-No Ending Time
- ISO 15189: 2012 Medical laboratories — Requirements for quality and competence
TSC Academy, Credential ID 2020/ 89617, 2020-No Ending Time