

Daniyal Namdar

Electrical/Software Engineer



Ankara, Turkey



daniyalGithub



DaniyalNamdar



daniyal.namdar@gmail.com



+905388157910

EDUCATION

M.SC IN ELECTRICAL AND ELECTRONIC ENGINEERING | BILKENT UNIVERSITY

2018 – 2021 | Ankara, Turkey

- Well-posedness and stability of planar conewise linear systems.
- Successfully achieving a new well-posedness conditions for 2D CLSs, where the cones are all strictly contained in a half-plane with an allowance of sliding modes.

B.SC IN ELECTRICAL ENGINEERING | SEMNAN UNIVERSITY

2013 – 2019 | Semnan, Iran

- Modeling and simulating wind turbine failures with PSCAD software.
- With the help of dimensional data reduction techniques and normalization, adequately reducing the number of features which leads to improving accuracy and clustering time by 90%.

WORKING EXPERIENCE

BK MOBIL | SOFTWARE ENGINEER

2021 – Current | Ankara, Turkey

- Actively collaborated with the Project Manager and Team Leads to enhance efficiency in managing change request functions.
- Leveraged MySQL and version control to gain expertise in handling larger group dynamics.
- Spearheaded the development of services responsible for request handling, routing, and conducting unit testing using the API Platform while working closely with three senior full-stack developers.
- Utilized the Symfony PHP framework to create the admin tool and LMS page for our education website.

BAHÇEŞEHİR COLLEGE | WORKSHOP

Dec 2021 – Jan 2022 | Istanbul, Turkey

- Lecturing an overview of over 20 different types of sensors.
- Through more than 5 distinct hands-on projects, the Basic Arduino Workshop instructs students on how to integrate electrical components, such as sensors, on board.

BILKENT UNIVERSITY | TEACHING ASSISTANT

2018 – 2021 | Ankara, Turkey

- Providing course materials for the following classes and evaluated over 100 student assignments and coaching during the semester.
Linear System Theory(2 semesters) • Engineering Mathematics II(3 semesters) • Circuit Theory • Introduction to Digital Circuit Design

ACADEMIC PROJECTS

PATTERN RECOGNITION | MATLAB, PYTHON

- Conducting project for comparison of Non-Bayesian Classification Algorithms with Accuracy grater than 85% in the Case of Missing Voxels in FMRI Data.

BIOMEDIACL ENGINEERING | MATLAB

- Diagnosing the normal and abnormal patients with an accuracy of greater than 80% by examining the various Heart-Disease Features.

COMPUTATIONAL NEUROSCIENCE | MATLAB

- Using Various Multi-Voxel Pattern Analysis Methods, 8 categories of visual stimuli observed by the human subject were recognized with greater than 90% accuracy.

SKILLS

PROGRAMMING

Experienced:

PHP • MATLAB • Python

Basic:

L^AT_EX • PSCAD

Familiar:

HTML • CSS • MySQL

React • PostgreSQL

LIBRARIES/Frameworks

Symfony • Altium Designer

Django • Proteus • Arduino

TOOLS/PLATFORMS

Git • Heroku • Docker

API Platform • Office

Windows • MacOS • Jira • Render

LANGUAGES

Persian • English • Turkish

KEY SKILLS

Empathy • Self-motivation

Friendliness • Integrity

Reading body language

INTEREST AREA

Control Systems

Web Development

Machine Learning

AWARDS AND CERTIFICATE

Bilkent Exceptional Teaching Assistance Award

Coursera Introduction to Programming with MATLAB

Udemy Symfony 5 The Complete Guide for Beginner

Bilkent TUBITAK Scholarship

INDUSTRIAL ELECTRONICS COURSE | ALTium DESIGNER

→ Utilizing Altium Designer, create a remote dimmer that controls 20% by photocell and 80% via controller.

PUBLICATIONS

D. Namdar, AB. Özgüler, "Conditions of Well-posedness for Planar Conewise Linear Systems ", Transactions of the Institute of Measurement and Control, 2023, DOI: 10.1177/01423312231162718