Kubilay Kaya

Power System Engineer

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📅 Date of birth 07/14/1999
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Languages

Turkish

English

Technical Interest

Power Systems

Electric Vehicles

Smart Grids

Social Interest

Photography

History

Martial Arts

Social networks

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in @kkaya674

About me

Hello, I'm Kubilay Kaya.I am a 4th-year student at Middle East Technical University. I have completed courses in the fields of Power Electronics and Power Systems at my school. Also, I am a part-time QA engineer for grid simulation-related softwares at Siemens AG. Although my main field is Power engineering, I am very interested in software development in this regard.

Work experience

Power System Software Test Engineer

Since June 2021 Siemens AG Ankara

I am working as a QA engineer of various grid simulation products. I am working on creating test plans for these products and implementing these test plans.While doing all this, I benefit from programs such as Jira, Jenkins, Testcomplete.

Education

Electrical&Electronics Engineering

Since September 2017 Middle East Technical University (METU) Ankara / Turkey

Main focus: Power Systems
Another focus: Power Electronics & Energy Conversion
CGPA : 3.19/4.0

Computer Skills

Matlab & Simulink

Matlab Coding
Simulink - Specialized Electrical Systems Library

LtSpice

I can build all kinds of electrical circuits on the LTSpice program.

Siemens PSS-MOD

PSS-MOD is model management software for the PSSE

DigSilent PowerFactory

I have elementary-level knowledge about DigSilent PowerFactory.

Siemens PSSE

PSSE is one of the best Power System Analysis tools around the world. I can do various simulations such as Load Flow Analysis, Contingency Analysis & Dynamic Analysis.

Computer Skills

Siemens PSS-Sincal

I have elementary-level knowledge about PSSSincal.

Python Programming

I've only used Python to write test scripts so far. However, I am quite enthusiastic about learning Python. I am trying to increase my Python knowledge by implementing the codes I have written in MATLAB on Python recently.
Libraries I Know:
Numpy
Matplotlib

AWS - Google Cloud

I know little about applications like AWS - Google Cloud.I have a little knowledge of creating EC2 machines or buckets.

Jenkins

I can automate simple jobs using Jenkins.

Siemens NX

I can make simple drawings using Siemens NX.

Voluntary experience

Member of Board

Since July 2018   ODTÜ ADT (METU Ataturkist Thought Society) Middle East Technical University / Ankara

- Chair (2021-2022)
- Vice Chair(2020-2021)
- Member of the Board of Directors Responsible for the Organization(2019-2020)
- Member of the Board of Directors Responsible for Financial Affairs(2018-2019)

Member

Since February 2022 IEEE Ankara

Power Electronics Society (PELS)

Member

From June 2020 to July 2022   Armed Forces Communications and Electronics Association International (AFCEA) Turkey

Certificates

Introduction to Programming with MATLAB - Vanderbilt University

MATLAB Onramp - MathWorks

MATLAB Simulink Onramp - MathWorks