Emircan Tepe

UNDERGRADUATE STUDENT

Dokuz Eylül University, İzmir, Turkey

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*The CV features underlined texts that serve as internal links, providing readers with convenient access to detailed information.

Education

Dokuz Eylül University   *İzmir, Turkey*
BS COMPUTER ENGINEERING   *09/2020 - Present*
- Junior student.
- Courses can be found here.

University of Zurich   *Zurich, Switzerland*
DEEP DIVE INTO BLOCK-CHAIN, INTERNATIONAL SUMMER SCHOOL   *06/2021 - 07/2021*
- Discovered the three key pillars of blockchain systems and distributed ledgers, namely the technology, the economics, and the legal aspects behind it.
- This program was highly interactive, with both theory and hands-on practice sessions offered by blockchain experts and crypto-company founders from all around the world (45 different lecturers from academia and indusry).

Research Experience

Koç University   *İstanbul, Turkey*
SUPERVISOR: DR. UĞUR TEĞIN   *01/2022 - Present*
- Just started being a part of the Laboratory of Photonic Technologies Lab.

Koç University   *İstanbul, Turkey*
SUPERVISORS: PROF. DR. BARIŞ TAN, DR. SIAMAK KHAYYATI   *06/2022 - 10/2022*
- Worked in the Prof. Tan's team in the scope of Koç University Summer Research Program (KUSRP) in their interdisciplinary study named "Performance Evaluation of Manufacturing Systems by Using Supervised Learning Methods."
- Contributed to the research process by taking on various responsibilities, including completing tasks, conducting experiments, and preparing and presenting reports.

Dokuz Eylül University   *İzmir, Turkey*
SUPERVISOR: ASSOC. PROF. DR. DERYA BIRANT   *10/2021 - 06/2022*
- Worked under the supervision of Assoc. Prof. Dr. Derya Birant, in the area of Machine Learning, specifically Animal Activity Recognition.
- Took on responsibilities and tasks in the research process, resulting in the publication of an article titled "Classifying horse activities with big data using machine learning" in the Kuwait Journal of Science's Special Issue on Machine Learning for Big Data.
- The GitHub repository of the work is available on this link.

Professional Experience

Microsoft   *İstanbul, Turkey*
MICROSOFT IMAGINER   *11/2022 - Present*
- Imaginer is a program offered by Microsoft Turkey, giving mentorship and lectures to the program's students for six months.
- Working on a team project focused on sustainability, specifically Machine Learning technologies used in farming

Publications

Birant, D., Tepe E., 2022. Classifying horse activities with big data using machine learning, Kuwait Journal of Science, Special Issue on Machine Learning for Big Data

Volunteering Activities

BİLGEYİK

EDITOR AND WRITER   *06/2019 - Present*

- Bilgeyik is a non-profit website with the aim of spreading popular science to the Turkish society.
- In addition to being a writer, I also serve as an editor by reviewing other articles.

DETECH

ORGANIZATION MEMBER   *11/2019 - 03/2020*

- DETECH is a conference organized by Dokuz Eylul University students, that brings together students and industry professionals.
- As a member of the Publicity and Design Team, I took on a number of tasks and learned a great deal, particularly about teamworking and communication.

KITAPAYDINLIK

MANAGER   *08/2020 - 09/2020*

- Succesfully managed a social assistance campaign.
- A library with approximately 1000 different books was created thanks to the generous donations from many individuals for a school that needed it.

References

Assoc. Prof. Dr. Derya Birant

DOKUZ EYLÜL UNIVERSITY, PROFESSOR OF COMPUTER ENGINEERING

- derya@cs.deu.edu.tr

Prof. Dr. Barış Tan

KOÇ UNIVERSITY, PROFESSOR OF OPERATIONS MANAGEMENT AND INDUSTRIAL ENGINEERING

- btan@ku.edu.tr

Dr. Özlem Öztürk

DOKUZ EYLÜL UNIVERSITY, PROFESSOR OF COMPUTER ENGINEERING

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