SELAHATTIN SERDAR HELLI

CONTACT

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Ataşehir/İstanbul

https://github.com/SerdarHelli
(Some Projects at My
Repository)

PERSONAL PROFILE

A biomedical engineer and machine learning area with experience on deep learning–neural networks, computer vision,data modelling, and numerical analysis

AREAS OF EXPERTISE

- Machine Learning, especially Deep Learning
- Numerical Analysis
- Image Processing – Computer Vision
- Working knowledge of Python

OTHER SKILLS

- The ability to analyze complex technical information
- The competency of analyze, design and implementing artifical intellegence structures
- Detail oriented
- English
- Natural Language Process
- Keras, Tensorflow,Pandas, Stats.Model,Scikit–Learn,OpenCV, PIL libraries
- Google–Colab,Spyder and Jupiter Notebook with Anaconda Navigator

REFERENCES

Asist.Prof.Dr Andaç HAMAMCI
E – andac.hamamci@yeditepe.edu.tr
P – 0 (216) 578 00 49

WORK EXPERIENCE

INTERNSHIPS

Yeditepe Üniversitesi Diş Hastanesi| 2018 – 2019
- Modified existing device to correct errors and optimize efficiency
- Prepared detailed reports
- Provided technical support for device hardware and software

As an intern in a dental clinic, I had the opportunity to learn about many dental devices, computer vision software, and clinical databases. During my internship, I was interested in the installation, repairing, maintenance of medical devices.

Intern in a IT Consultancy –Mega Bilgi İletişim | 2013 – 2014
During my internship, I provided technical support for computer hardware and software to the companies and their employee.The componies were such as "Turkon Holding","ITS. Caleb Brett Deniz Survey A.Ş.".

EDUCATION HISTORY

YEDITEPE UNIVERSITY

Bachelor of Biomedical Engineering, 2020

MACHINE LEARNING PROJECTS

- Automatic Semantic Segmentation In One–Shot Panoramic Dental X–Ray Images Using Deep Learning with U–Net(Fully Connective Convolutional Neural Networks)
- Medical Image Classification with VGG–19
- Natural Language Process Text Classification On Posted Tweets Are About The Violence To Woman Or Not.
- Short–Term Forecasting COVID–19 Cases In Turkey Using Long Short–Term Memory Network

MEMBERSHIPS AND VOLUNTEER WORKS

- Member of IEEE(The Institute of Electrical and Electronics Engineers)
- Member of EMBS (IEEE Engineering in Medicine and Biology)
- BIOMATE(Biomedical Engineering Conference with IEEE)

PUBLICATIONS

- S.Serdar HELLİ,Çağkan DEMİRCİ,Onur ÇOBAN, Andaç HAMAMCI."Short–Term Forecasting COVID–19 Cases In Turkey Using Long Short–Term Memory Network", 2020 Medical Technologies Congress (TIPTEKNO). IEEE, 2020 (submitted)