SELAHATTIN SERDAR HELLI

CONTACT

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📍 Ataşehir/İstanbul 🌐 https://serdarhelli.github.io/

PROGRAMMING SKILS

- Python (Advanced); Numpy, Keras,Tensorflow,Pandas, Stats.Model, Scikit–Learn, OpenCV, PIL libraries
- SQL(Intermediate)
- HTML5 and CSS (Intermediate)
- C++(Intermediate)

PERSONAL

Machine learning/Deep learning, image processing,data science, computer vision,software development ,and numerical analysis are the subjects that I have been studying for 2 years. In line with these subjects, my purposes are: to improve my abilities, skills, to learn new technologies, and to reach a successful career.

SKILLS

- Foreing Language – English
- The ability to analyze complex technical information
- The competency of analyze, design and implementing artifical intellegence structures
- Detail oriented
- Strong communication

REFERENCES

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

Software Developer at Huawei
Muhammed Enes Durmuş
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P – 0 532 501 68 17

EDUCATION HISTORY

YEDITEPE UNIVERSITY

- **Master's Degree , Data Science 2020–2022**
- **Bachelor of Science, Biomedical Engineering 2015–2020**

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
- Automatation Drawing Merchant Lines And Angles With Artificial Intelligence

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)

CERTIFICATIONS

- "Neural Networks and Deep Learning " an online non–credit course authorized by deeplearning.ai

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.".

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 (accepted)