HÜSNÜ MURAT **KOÇAK**

Computer Scientist

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Date of Birth : 10.08.1996

B class driving licence

More information : kocaak.github.io
github.com/kocaak
hackerrank.com/kocaak

Languages

- Turkish - Native
- English - B2
- French - Basic

Programming Languages

- Python
- JavaScript
- C / C++
- Java 7/8
- PHP
- SQL

Skills

- Machine Learning
- Object Oriented Prog.
- Web Development
- Meta-Mining
- Deep Learning
- Databases

Software & Tools

- Tensorflow
- PostgreSQL
- Apache Server
- Ubuntu
- Qt & JavaFX
- Unreal Engine 4

Hobbies

- Guitar
- History
- Hackerrank
- Video Games
- Bachata
- Board Games

Education

2020 / 2022 Galatasaray University, Graduate School of Science
Computer Engineering, Master's Degree

2015 / 2020 Konya Technical University, Faculty of Engineering
Computer Engineering, Bachelor's Degree
GPA: 3.07 / 4

Experience

01.2020 - 04.2020 | Leuven - BELGIUM
Data Scientist
imec | www.imec-int.com

Research on classification and clustering of nanometric light distrubution images from chip design in the field of photolithography and increase quality of OPC with GPU acceleration.

- **Used:** Python, Tensorflow, Keras, Pandas, NumPy, MatPlotlib | Ubuntu

07.2019 - 10.2019 | Nancy - FRANCE
Data Scientist Intern
LORIA / INRIA Nancy Grand Est. | www.loria.fr

Research on the mining of complex metabolomic data, where particularly developed feature selection operations and the comparison of several classification and clustering methods for mining such numerical data.

- **Used:** Python, Scikit-Learn, Pandas, NumPy, MatPlotlib

09.2018 - 07.2019 | Konya - TURKEY
Junior Software / Machine Learning Engineer
Bay E Information & Consultant | www.bayebilisim.com

Development of machine learning project on web application about calculating rock stability, landslide probability and factor of safety with mining engineers.

- **Used:** JavaScript, PHP, Python, WEKA, PostgreSQL, Bootstrap

01.2016 - 08.2016 | Ankara - TURKEY
Software Engineer Intern
KOMTAS Information Management | www.komtas.com

Development of libraries for accelerate data analytics progress and implementing back-end web application.

- **Used:** Java, Spring, JavaScript, MySQL, Bootstrap

Personal Project

Graduate Project

Development of 3D Action-Role playing game and implementing AI enemies with blackboard behavior tree which has natural behavior sequences.

- **Used:** Unreal Engine 4, C++

Reference

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