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Muhammed KURNASAN

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WORK EXPERIENCE

INFORMATIK

28/02/2022 – 26/05/2022

INTERN DATA SCIENTIST AND ANALYST DATAGLACIER

During this virtual internship, I worked on various modules of company projects and demonstrated skills in:

- Python
- Data analysis
- Machine Learning
- Feature Engineering
- Model Governance
- Data Visualization
- Model improvement
- Model Deployment

EDUCATION AND TRAINING

16/08/2017 – 17/07/2022 Beykoz , Türkiye

BACHELOR OF SCIENCE IN COMPUTER SCIENCE Turkish-German University

1. Python, Java, Javascript, php, C#.
    a. Java: CMD, Android, and JavaFx/Desktop applications with Database connection, Backend applications with Spring boot.
    b. Python: Data Science, Machine Learning, and AI applications with Sci-kit, Pandas, Numpy, and Tensorflow. Backend applications with Flask, Django, anf Fast API. Web Scrapping with Beautiful Soup 4.
    c. C#: Backend applications with ASP.NET CORE MVC.
    d. JavaScript: for frontend and webscrapping.
    e. Web application projects with PHP.
2. Database Systems: extended SQL knowledge and experience with MySQL, Microsoft SQL, and Firebase. Basic knowledge of PL/SQL and basic experience in Business Data Management.
3. Data structures and algorithms.
4. Operating systems and work with shell.
5. Object oriented programming with Python and Java.
6. Artificial Neural Networks and AI:
    a. Neural Networks and Deep Neural Networks
    b. Training problems, Initialization, Batch Normalization, Optimization, use of pre-Trained Layers, underfit-overfit problems handling, Regularization, Model customization.
7. Deep Computer Vision with CNNs:
    a. image-Data piplines and Image Augmentation.
    b. theoretical basis of CNN Layers.
    c. Object classification and Localisation.
    d. Object detection.

e. Fully connected CNNs, Semantic Segmentation, U-Nets, Generative Learning, and Generative Adversarial Networks.
f. Pretrained Models for Transfer Learning.
g. Exersized on popular architectures and models like: ResNets, YOLO, Inception, facebook-face-recognition Model.
h. image-2-image translation porject with pix-2-pix: my **Graduation** Project.

Address ISTANBUL, Şahinkaya Cad. 106 , Beykoz , Türkiye | **Website** tau.edu.tr |

Field of study Computer Science | **Final grade** GPA/AGNO: 3.17/4 | **Type of credits** AGNO |

Number of credits 242 |

Thesis The implementation of GANs for creating accurate synthetic images.(image-2-image translation)

Link http://bm.tau.edu.tr/de

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
GERMAN	C1	C1	B2	B2	B2
TURKISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user