



Taha Turan Akgüngör

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ABOUT ME

I have graduated my undergraduate education at Adana Alparslan Türkeş Science and Technology University, Faculty of Engineering, Department of Computer Engineering with 3.13 GPA. In addition to the theoretical knowledge I have gained throughout my education life, I have developed myself by implementing projects in various fields. Also, I am always open to development. In my career, I will always be someone who pursues knowledge, constantly researches and achieves its goals. My most important and only goal will be to support the national struggle to reduce the foreign dependency of our country and to be able to work in this field.

PURPOSE

My Purpose

I am looking for a job where I can develop myself more in the field of software, prone to teamwork and take part in national projects in the software sector, where I can work in areas such as Web Software, Network Systems and Information Security.

EDUCATION AND TRAINING

University

Adana Alparslan Turkes Science and Technology University [04/09/2018 – 23/06/2023]

City: Adana

Country: Türkiye

Website: <https://www.atu.edu.tr/>

Field(s) of study: Software Developer

Final grade: 3.13

WORK EXPERIENCE

Network Systems and Software Engineering Intern

Baykar Teknoloji [13/02/2023 – 26/05/2023]

City: İstanbul

Country: Türkiye

I'd been a compulsory internship for 4 months in the field of Network Systems at Baykar Teknoloji.

Network Systems Engineering Intern

Baykar Teknoloji [01/07/2022 – 17/09/2022]

City: İstanbul

Country: Türkiye

I'd been a compulsory internship for 2 months in the field of Network Systems at Baykar Teknoloji.

Intern

Mongery Soft [01/12/2021 – 01/06/2022]

City: Adana

Country: Türkiye

In this company, I'd worked on artificial intelligence systems that enable the detection of production defects in automation systems of large companies and image processing systems used to detect these manufacturing defects. Also, I'd done in dataset collection and research tasks as well.

Intern

Guney Celik [01/07/2021 – 10/09/2021]

City: Adana

Country: Türkiye

I'd worked at Guney Celik as an IT Specialist as a volunteer internship for three months. During this working process, I had the chance to examine the existing Network system of the company and to detect and resolve the errors of the devices in their Network.

I've been also worked in the Database Management department of the company. Thanks to the data coming from the production machines in the company's database system, I'd gained experience in making production planning.

Intern

Guney Celik [01/07/2020 – 01/02/2021]

City: Adana

Country: Türkiye

I'd been a volunteer intern in the field of Machine Learning at Guney Celik for eight months. We'd produced and applied solutions with the help of image processing for the detection of damages and errors that occur during nail production.

On the software side of this solution, we'd processed the images that we'd received using the YOLOv5 model over Python. We'd used approximately two hundred thousands datasets. We'd used Basler camera systems to collect these datasets. We'd supported this system with a special light system so that the camera system could take clearer and smoother pictures. We'd adjusted our camera settings as we'd wanted with the Pylon application, which is Basler's interface. We'd ensured the communication between the camera next to the machine and our computer using a ten gigabit switch and connecting with an ethernet cable. In this way, We'd made the system remotely monitorable and editable according to our needs. With the ethernet camera we'd used to collect our datasets, we'd shot the flowing nails while the nail machine system was in operation. We'd combined the datasets which we'd collected with the model and we'd designed and activated the system.

With this experience, we'd designed projects with high added value in areas where we can use artificial intelligence systems in line with the interests of our country.

PROJECTS

Order Management and Production Planning Web Project

A mini ERP system has been designed in which customer information, product information, machine information, order information can be viewed, edited and added and removed operations can be made in line with the requests of the manufacturers. Thanks to this system, the sales unit that makes sales over the phone can easily prepare a proforma and send an offer to the customer. In case the offer is accepted, the status of the orders created can be tracked thanks to the orders page. In addition, production planning can be made thanks to the communication established with the machines according to the incoming orders.

Activity Analysis and Prediction Using Health Data

In this project, the physical activities of these people were estimated by using the health data collected by data mining and taking into account the instantaneous heart rhythm rates of the people. A smart watch was used as a data collection tool. With the help of this watch, 100 different people were asked to perform 4 different activities and a total of 10,000 data were collected, 25 from each activity. These 4 activities consist of Sitting, Walking, Stair Climbing and Running. The features of the data set used in this study consist of a total of 9 features: Height, Weight, Age, Gender, Bmi Value, Bmi Index, Heart Attack Risk, Heart Rate, Activity Index. The Activity Index property is the one we want to predict.

After the data collection phase was completed, models were created with KNN, Naive Bayes, Random Forest, C4.5, Support Vector Machine, Multi-Layer Perceptron and Logistic Regression machine learning algorithms. After the model was created using machine learning algorithms, some evaluations were made to understand how these models work. These assessments consist of F-Measure, Accuracy, ROC Area/ROC Curve, RMSE, Precision, and Recall. Using these evaluation criteria, differences between algorithms were observed.

Phishing Detection with Machine Learning

In this project, within the scope of Cyber Security course, a study was carried out that predicts whether a website url is phishing or legitimate. These predictions are made by using many features and training these features with machine learning algorithms.

Apartment Management with Flutter

I have made an apartment management application that keeps data such as contact information, floor and apartment number information, dues information of the landlords and tenants in the apartments. Thanks to this, the apartment

manager will be able to view the payments and information of the people living in the apartment and easily reach them in line with their needs.

E-Commerce Project

The last project topic of the Software Engineering, which is the third year course of my department, was to create an e-commerce site. Within the scope of this project, we had carried out and completed our project, where users can create memberships and log in, add and remove products, create baskets, and many functions of e-commerce sites used today, together with my teammates of three.

LANGUAGE SKILLS

Mother tongue(s): **Turkish**

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

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

JOB-RELATED SKILLS

Programming Skills

React.js

Node.js

MongoDB

Python

GNS3

DRIVING LICENCE

Driving Licence: B1

Driving Licence: B

ORGANISATIONAL SKILLS

Organisational skills

Teamwork Skills

Leadership

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Critical Thinking

Creative Thinking

Communicating

Collaborating

REFERENCES

REFERENCES

Onur Taha CANANER | General Manager

2 Adam Yazilim - 0549 677 0222

Selman SERTKAYA | Board Member

BHS Gelisim Grubu - 0505 715 2557