

# Curriculum vitae

## PERSONAL INFORMATION



### Talha Enes Ayrancı

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Sex Male | Date of birth 28/06/1998

## EDUCATION AND TRAINING

21/01/2020–Present

### Master's Degree

Computer Engineering, Gazi University, Ankara (Turkey)

30/07/2015–21/06/2019

### Bachelor's Degree

Computer Engineering, Faculty of Engineering and Natural Science, Konya Technical University, Konya (Turkey)

**GPA: 3.54 (3rd among 100)**

**Graduation Project : HMI System With Beaglebone Black and RT Linux** (Look project for details.)  
**Semester Project: Data Mining Applications** (Look project for details.)

- High honor standing in the 2016 fall (3.78), 2018 spring (3.57), 2018 fall (3.93), 2019 spring (3.85) semesters.

- Honor standing in the 2015 fall (3.32), 2016 spring (3.43), 2017 spring (3.30), 2018 fall (3.26) semesters.

## WORK EXPERIENCE

03/02/2020–Present

### Software Engineer

ExtremePACS, Ankara (Turkey)

- C++ and Image Processing (PACS)
- Webassembly, Emscripten and Cross Compiling
- Javascript

02/07/2018–14/09/2018

### Intern

Anonimya, İstanbul (Turkey)

- Adding new modules to Android projects of company. (Especially frontend developing.)

03/07/2017–11/08/2017

### Intern

BOTAŞ, Ankara (Turkey)

- Developing a purchase/sale tracking Web Application with ASP .NET, MVC, Entity Framework and MSSQL for a department of BOTAŞ.

## PERSONAL SKILLS

Mother tongue(s) Turkish

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

- Susceptibility to teamwork.
- Participating in group discussions.
- Effective communication.

Organisational / managerial skills

- Gained good organizational skills through activities in student community at the university.
- Leadership and team management skills gained by chairing this community.
- Ability to make quick and effective decisions.

## Job-related skills

**Skills**

- Android Application Developing
- Web Programming
- Embedded Linux
- Data Mining
- Image Processing (PACS)

**Tools & Technologies**

- RT Linux
- GNU/Linux
- C++
- Webassembly
- Emscripten
- Python
- Android
- Java
- ASP.NET MVC
- PHP
- HTML
- MySQL
- MSSQL
- Apache Pig & Hive
- MS-Office

Driving licence AM, B1, B

## ADDITIONAL INFORMATION

## Projects

■ HMI System with Beaglebone Black and RT Linux:

It is a project that aims to boot the Beaglebone Black device in a short time by using a personalized RT Linux kernel based operating system and an interface created with QT. Buildroot was used to create the embedded system. It is intended to design an interface using QT and use it in the device with cross compilation.

■ Data Mining Applications:

Development of a small version of the programs such as Weka and Orange with Python programming language. Algorithms such as Naive Bayes, Decision Tree and KNN have been added selectively to make Preprocessing and Classification within the application. In addition, when Confusion Matrix and Decision Tree were applied, the model was output in PDF format.

■ Küçük Esnaf (Small Businesses):

Technologies such as PHP, Javascript and HTML were used in the project which works as a web application. MySQL was used as database. The aim of the project is to control and record the warehouses, purchases and sales of small and medium-sized enterprises. In this way, profit loss controls and inventory controls can be done dynamically. It is also compatible with mobile use.

■ Replenishment tracking system:

In this project, which was created in the summer internship of 2017, a purchase/sale tracking system used within BOTAŞ was created. Databases were created with MSSQL and web application was created with ASP .NET MVC.