

Hasan Alp Zengin

Computer Engineer with Software Passion #OpenSource



30.01.1997

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Summary

Started to Computer Engineering Bachelor's Degree in Turkey Mehmet Akif Ersoy University in 2015. Gained Erasmus+ Scholarship to study in Poland for 1 semester. Went to India for internship. Worked on MQTT and Face Recognition research project. After returned to homeland gained Erasmus+ Scholarship again in Portugal for 1 semester. After I graduated I started to working with Aucobo GmbH remotely as a intern then switch job to full-time in Germany.

I love developing my programming skills. Programming feels me relaxed. I devote myself as a Back-end web, Android and IoT developer with Machine Learning Skills. I have the belief of "School is not enough to be usefull". Being useful for the world's future is meaning of my life.

Skills ('*' shows the knowledge level)

Web Backend

PHP****
Codeigniter***
Laravel***
Ruby on Rails**
JSP**
Node.js***
GraphQL***
Socket.IO***
Spring Boot***
RabbitMQ***

Software Lang

Java****
C***
Ruby**
Python****

Software

Photoshop***
CodeShip*
Prometheus**
Gimp***
Slack***
Docker***
Kubernetes**
JIRA***
Azure***
K6***
SonarQube***

Web Frontend

Html****
CSS***
Javascript***
Jquery***
Bootstrap****
Vue.JS**
Angular****
AngularJS***

Database

Mysql****
Oracle***
SQLite***
MongoDB***
Firebase**
PostgreSQL***
Redis**

Language

Turkish*****
English****
German (Learning)**
Portuguese*

OS

Linux****
+Arch Linux****
+Debian***
Windows***

Mobile

Android(Java)****

Computer Science

Machine Learning***
IoT (Application Layer)****
Computer Vision****
Image Processing***

Education

Mehmet Akif Ersoy University 2015-2019

Turkey | Computer Engineering (Bachelor's Degree)

GPA: 3.79/4

Taken Courses

Object Oriented Programming
Algorithm and Programming
Computer Graphics
Introduction to Information Security
Artificial Intelligence
Electronic Circuits and Measurements
Computer Networks
Software Engineering
Operating Systems

Information Technologies
Database Management Systems
Data Mining
Computer Architecture
Introduction to Simulation
Microprocessors
Mobile Programming
Server Based Programming
Embedded Systems

Academic Extras

Erasmus+ Student Exchange 2016-2017 (5 Months)

Poland | Bialystok University Of Technology
Computer Science

Erasmus+ Student Exchange 2019 (5 Months)

Portugal | Universidade de Trás-os-Montes e Alto Douro
Informatics Engineering

Work History

India | Manipal Institute of Technology (June- August 2018)

Research Assistant Internship via IAESTE

Implementation of Application Layer Protocol in IoT (based MQTT) and Face Recognition Research

Germany | Aucobo GmbH (Sept 2019 - Current)

Junior QA & Software Engineer Full-Time

Projects

Text Based C Applications (Automations, games, algorithms)
Photo Editor (Java Graphics2D, OpenGL)
Automation Systems with JAVA
Wedding Reservation System with JSP
Personal Webpage with Laravel
Google Translate Quiz Game with PHP (PHP Excel)
Text Based Library Automation with Ruby
Archaeology System (Android, Codeigniter, Python for Embedded)
Genetic Algorithm for Smart Cleaner Robot with JAVA (International Conference)
Tap to Talk App (Google Play Published)
Smart City Project (Android, PHP, Python for Embedded)
Freelance Wordpress Webpage (nzmedlab.com) - first income :)
Indoor Positioning System with Keras and Android
Time Coach Android App (Google Play Published)
Web Application Security Learning Platform (Codeigniter International Conference)
Fire Extinguisher Robot (Computer Vision, Raspberry Pi)
IoT Cloud System (Node.js, Socket.io, Python, C, GraphQL)
Face Detection System (Journal Paper)
Customized MQTT Protocol (Journal Paper)
Glaucoma Prediction (Deep Learning Project with Keras)
Vampires & Villagers (Android Game Application -incl. MQTT)
Head Mouse (Accessibility Science Project)
IoT Cloud System Re-make (Java Spring, Redis, MQTT, WebSocket, GraphQL, Python)

Social and Hobbies

GDG Burdur Developer Fest Event-2018 Organized Event as a Member

IAESTE Burdur Society Exchanging Intern Students Around the World

IEEE Student Society Member of IEEE

Hobbies Cooking, Billard, Reading, Traveling, Coding, Camping