Eren **Hatırnaz**

BACK-END DEVELOPER · COMPUTER ENGINEER

Rize, Turkey

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Summary

I am a software developer who always keeps simplicity in mind while writing code, and pays attention to learning new things and using what I have learned in appropriate places. I am a fast learner and easily adaptable. I continue to improve myself in problem solving and building algorithms rather than a specific programming language. I like to collect feedback on my work.

I am also a supporter of Open Source and Free Software. I like to contribute to the open source projects I use and develop open source projects/libraries.

Education

Near East University   *Nicosia, North-Cyprus*

COMPUTER ENGINEERING, GPA: 3.34/4.0   *June 2018*

- **Rize University**, GPA: 3.70/4.0, Rize, Turkey — *2013 - 2015*
- **Sehit Cavit Koroglu Anatolian High School**, GPA: 60.08/100, Rize, Turkey — *2009 - 2013*

Experience

Mobillium   *Remote*

JR. BACK-END DEVELOPER   *March 2021 - PRESENT*

Skills

Languages	PHP, Bash, JavaScript, Ruby, Python
Frameworks	Laravel, VueJS
Tools	Git, GNU/Linux, Docker

Projects

angelco-startup-parser

RUBY

- A project that contains two cli tool for fetchting startup datas from ancel.co and converts to csv files
- With the output of these tools, generated this graph: Discover IoT Initiatives - IoT Startups which have at least 100 followers on angel.co and their markets in 2016.
- The graph is presented in ICITS 2016 at Tokyo, Japan.

mgm-radar

BASH

- A command line tool that downloads meteorological radar images from mgm.gov.tr (Turkey's national meteorology agency)

Publications

A novel framework and concept-based semantic search Interface for abnormal crowd behaviour analysis in surveillance videos   *Multimedia Tools and Applications, Springer*

DOI: 10.1007/S11042-020-08659-2   *January 2020*

- A single-page web application that provides detailed video search, written in VueJS.
- Conducted user experiments to show the difference between keyword-based search methods and semantic video search
- Other major technologies I use in this project: Apache Jena Fuseki, RDF, SPARQL, Docker, NodeJS
- The source code is available in the GitHub repo: erennhatirnaz/semantic-video-search