

# Eren Hatirnaz

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*

MID. LEVEL BACK-END DEVELOPER

*June 2022 - PRESENT*

- AWS, Queues, Rest API, CI/CD
- Jr. Back-End Developer, March 2021 - June 2022

## Skills

**Languages** PHP, Bash, JavaScript, Ruby, Python

**Cloud** AWS (EC2, RDS, S3, Cloudformation, CloudFront, CloudWatch, Route 53)

**Frameworks** Laravel, VueJS

**Tools** Git, GNU/Linux, Docker

## Projects

### angelco-startup-parser

RUBY

- A project that contains two cli tool for fetching 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