



Umut Zeren

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EDUCATION

TEDU UNIVERSITY 4'TH YEAR STUDENT

(100% English)

Secondary Field: Management

Ankara Turkey

Cum. GPA: 2.82

BS IN COMPUTER SCIENCE

LINKS

Github:// [umutZeren](#)

LinkedIn:// [UmutZeren](#)

CONTACTS

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COURSEWORK

UNDERGRADUATE

Information Retrieval

Machine Learning

Data Structures and Algorithms

Neural Networks

Game Development

Relational Databases

Marketing

SKILLS

PROGRAMMING

Have written projects in ;

Backend/Desktop : Java • C • Python [Django, Flask]

FrontEnd:

• html • CSS • Javascript • React [redux, react-bootstrap..] / React Native

Databases Relational/NoSQL:

• PostgreSQL • MongoDB/Atlas

Familiar/Small Projects in:

LaTeX • C# • shell scripting • Arduino

Cloud:

• Heroku • AWS

WORKING EXPERIENCE AND PERSONAL PROJECTS

• Turk Telekom Software Internship

During internship: Created a test automation project and documentation for payment/debt tracking system with (+40 million users) written by me in Python/Selenium. (+2000 lines)

• Linux shell in C able to execute commands parallel, sequential and mixed way.

• Note taking desktop app. Can search notes by tags in a sense like sql compiler queries. written in C, +500 lines

• 2D Game engine written in Java +1000 lines

• NVIDIA Fundamentals Of Deep Learning For Computer Vision & GETTING STARTED WITH AI ON JETSON NANO (certificate)

• All projects can be found in <https://github.com/umutZeren>

• Elias gamma compression algorithm written in C++

• In progress senior Project: AI Based Autonomous Flight and Control System for UAV.

• To-Do Entrepreneurship (certificate) from: ODTÜ

• Mobile learning app screen connected with backend Django api in ReactNative

PROJECTS DEPLOYED ON CLOUD(HEROKU)

ADMIN PANEL

FrontEnd(React): app-link: <https://front-end-carna.herokuapp.com/takehome/dashboard/default>

github link <https://github.com/umutZeren/carna>

Backend(Django+Postgres): app-link: <https://db-users.herokuapp.com>
authentication: oAuth2

github link: https://github.com/umutZeren/Db_Carna

SENTIMENT ANALYSIS API

Tweet Account Analyzer flask rest api. From Scraping to data Science end to end application. Deployed on heroku with Docker.

Link api: <https://docker-tw.herokuapp.com/> Link

github: <https://github.com/umutZeren/docker-twitter>