



Ediz Uslu

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New Grad Software Engineer

Education

Bachelor's Degree, Computer Science 2015 – 2020
TOBB University of Economics and Technology, TR (GPA: 2.93/4.0)

High School, Department of Science 2012 – 2015
Nesibe Aydin Anatolian High School, TR (GPA: 86/100)

Professional Work Experience

Software Engineer, Intern, JotForm, Ankara, TR 09/2019 – 12/2019 (3 months)

→ Key Concepts: Javascript, React (Redux, Hooks), Chrome Extension Development, HTML, CSS

Contributed main product by developing 3rd party apps named JotForm Voice and Random Submission Generator.

- JotForm Voice, a chrome extension which allows to fill forms including different type of form widgets by using voice for users with disabilities. [Demo video](#) and [project repository](#) are published.
- Random Submission Generator, a developer tool web app developed for developing and testing processes of main product of JotForm. [Demo video](#) and [project repository](#) are published.

Experienced in web development by using React (JS, CSS, HTML, Redux state management, Hooks) for web application and Vanilla Javascript, Webpack for Chrome extension. Improved clean code capabilities by using ESLint (Airbnb code standards) in coding process.

Software Engineer, Intern, ESEN System Integration, Ankara, TR 01/2019 – 04/2019 (3 months)

→ Key Concepts: Signal Processing, Automatic Voice Segmentation Algorithm Implementation, Database Design and Management, Optimization and Integration of Algorithms, Python, MATLAB, MySQL, Java

Team member of voice recognition project of signal processing department

- Translated automatic segmentation and signal processing algorithms which developed with MATLAB, by implementing in Python.
- Designed and managed project database in MySQL.
- Developed database user interface which has features filtering, export/import operations and data preprocessing in Java.
- Contributed directly main product of project by integrating segmentation algorithms with product, adding new front-end features, optimization with parallel computing methods and solving memory leak issues in Python.

Experienced working in different parts of project such as database, integration, optimization and feature development also weekly code reviews which improved me in code manufacturing processes and realize concurrency between team members.

Software Test Engineer, Intern, AYESAŞ (Aydın Yazılım A.Ş.), Ankara, TR 05/2018 – 08/2018 (3 months)

→ Key Concepts: Software Test Engineering, Dry Run Process, Acceptance Test, Manual Testing, Performance Monitoring with Shell Scripting, Java, Documentation

Team member of mission planning software of an unmanned aerial vehicle project

- Applied and updated documented test procedures.
- Reported new maintainable issues and verified closed issues by using SVN and JIRA.
- Had the opportunity to participate in some formal phases of project test and evaluation processes, DryRun Process (Qualification Test) and Acceptance Test.

- Developed performance monitoring tool for optimizing project services, using shell scripting
- Help feature of software is implemented in Java
- Improved documentation skills by preparing user manuals of software.

Experienced a lot of serious processes of software business such as DryRun, Acceptance Test. Learn and practiced Agile-Scrum methodology.

*This intern is selected as [Computer Engineering Highlighted Intern](#) and published in university web site. It was so motivated for my first internship.

Projects

Senior Project, CarTobbU, [Project repository](#), [Demo Video](#) 01/2020 – 04/2020

→ Key Concepts: REST API (NodeJS, React, Express), Android, Object Detection (Tensorflow, YOLOv3, OpenCV, Python), Desktop Application (Python, PyQt5, OpenCV), Google Cloud Services (Google SQL, Google Storage), Model Training

Smart car park system for reducing waste of time in car park by recommending parking lots and managing penalties/complaints in car park of university campus.

- Created a fully documented REST API using NodeJS, Express. Deployed into Google Cloud Services (Storage, SQL). [API documentation](#) is available
- Developed a desktop application using Python, PyQt, OpenCV for car park mapping configurations to management.
- Implemented occupancy detection of parking lot algorithm using OpenCV, YoloV3, Python integrated with desktop application.
- Parking lot detection model trained and integrated with desktop application for detection of parking lot locations automatically. (Tensorflow)
- Developed android application for car park penalties/complaints management.

Loss Adjuster, [Demo Image](#) 05/2019 – 08/2019

→ Key Concepts: Python, Mask R-CNN, Keras, Tensorflow

Car damage detection application which can auto detect dents and scratches in cars according to before and after images of the car.

Resisipe, [Project repository](#), [Web App Demo](#), [Android Demo](#), [Code repository](#) 07/2019 – 10/2019

→ Key Concepts: Ruby on Rails, PostgreSQL, Android, Background Processing, Heroku, CSS, HTML

Social media platform for recipes, people can share their recipes, like someone's recipe, set timer to delete recipe, get notification when your recipe is liked, search by tags.

Technical Skills

Languages: English: Upper Intermediate (TOEFL ITP – Score:500 - 2015) / **Spanish:** Beginner

Web development: JavaScript, ReactJS (Redux, Hooks), NodeJS, React (Redux, Hooks), Express, Flutter, Ruby on Rails, Chrome App/Extension Development, HTML, CSS,

Languages related to programming: Java, Python, C, MATLAB

Database: MySQL, PostgreSQL

Software & Others: GIT, Google Services, Heroku, Firebase, SVN, JIRA

Further Personal Details

- Date of Birth: 07.08.1997
- Place of Birth: Ankara
- Marital Status: Single
- Nationality: Turkish