

Yiğit Yılmaz

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Highly-motivated junior software engineer and student with an in-depth knowledge of web development and deep learning. Strong foundational skills in computer science topics such as algorithms, data structures, and computer networks. Proficient in variety of platforms and programming languages with an innate ability to learn and master new technologies.

INTERESTS

- Web APIs and Systems Programming
- Linux/Unix-like Systems
- ML & Deep Learning

Experience

January, 2022
July, 2022

[Johnson Controls International](#), Cork, Ireland

Software Developer Intern

Developed an enterprise-grade chatbot that uses natural language processing (NLP) to understand questions intelligently. Uses user feedback system to discover potential improvements and logs conversations to deliver insights.

June, 2021
August, 2021

[Adastec](#), Istanbul, Turkey

Software Engineer Intern

Worked together with the perception team. Created a service that purifies and classifies a raw LiDAR sensor data stream and calibrates it with a point cloud map. This allows the autonomous driving system to understand where it currently is and what's objects are around it.

Projects

MNIST Neural Network REST API

The neural network is implemented completely from scratch without using external libraries.

TypeScript, Express.js, Node.js

github.com/yvesyil/neural-net-api

Personal Website

Uses custom JavaScript framework I made and renders complex graphics using WebGL.

Modern JavaScript, WebGL (OpenGL ES 2.0), HTML/CSS, GLSL 1.x

github.com/yvesyil/yvesyil.github.io

Education

2021 – 2022

[Technological University of the Shannon](#), Athlone, Ireland

Software Design with Cloud Computing, B.S.

3.7/4.0 GPA

2019 – 2021

[Bilkent University](#), Ankara, Turkey

Computer and Information Science, B.S.

3.2/4.0 GPA