Yiğit Yılmaz

Athlone
County Westmeath
Ireland

+353 85 817 1075
me@yvesyil.xyz

yvesyil.xyz
github.com/yvesyil
linkedin.com/in/d-yigit-yilmaz

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.

Skills

- Fullstack Web and Systems-level 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.
Python 3, JavaScript, Azure Cloud, Azure Cognitive Services

June, 2021
August, 2021

Adastec, Istanbul, Turkey
Software Engineer Intern
Worked together with the perception team. Created a service that purifies and classifies 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 objects are around it.
C++14, Python 3, ROS, PyTorch

Projects

Claw.js
A GPU accelerated linear algebra library for JavaScript, written in C.
C11, OpenCL, Node.js, CMake, Jest
github.com/tussoftwaredesign/claw-js/tree/dev

Neural Network from Scratch
A web API that serves an MNIST classifier written from scratch without using external libraries.
TypeScript, Express.js, Node.js, Multivariate Calculus
github.com/yvesyil/neural-net-api

Personal Website
Uses custom JavaScript framework I made and renders a fractal using only WebGL.
HTML/CSS, JavaScript (ES6), WebGL (OpenGL ES 2.0)
github.com/yvesyil/yvesyil.github.io

& more on github.com/yvesyil.

Education

2021 – 2023

Technological University of the Shannon, Athlone, Ireland
Software Engineering, B.S.

2019 – 2021

Bilkent University, Ankara, Turkey
Software Engineering, B.S.