

Cihan Can Ayyıldız

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EDUCATION

Gebze Technical University

B.Sc. in Computer Engineering;

Kocaeli, Turkey

Sep 2016 – Jun 2022

WORK EXPERIENCE

Otak Networks

Software Developer

- Working on deep packet inspection(DPI) project.

Istanbul, Turkey

Nov 2022 – Current

Intertech Information Technology and Marketing Inc.

Junior Software Developer

- Implemented agricultural banking backend services using .NET.
- Learned agile methodology and its principles.
- Learned tfs, jenkins, jira technologies.

Istanbul, Turkey

Nov 2020 – Feb 2022

NETTSI Informatics Technology

Intern

- Implemented a packet sniffer program using C++.
- Learned CMake and more C++ features.

Istanbul, Turkey

Aug 2020 – Sep 2020

BAYKAR Technology

Intern

- Designed a program that informs the UAV with some spatial information using C++ and spatialite database(geodatabase).

Istanbul, Turkey

Jun 2019 – Aug 2019

PROJECTS

Ball Bouncer | [GitHub](#)

- A ping pong ball bouncer project with 5 different modules (Server app, client app, mobile app simulation, controller board (STM32F4))

Unix File System

- Implemented a file system simulation that uses inodes and some other paradigms from unix.

Operating System

- Designed a simple operating system that simulates virtual memory and manages the main memory. The purpose here is to compare the page replacement and allocation policies.

Face Emotion Detection

- Implemented a emotion detection algorithm using machine learning. I collected face expressions from 6 people and trained my data on Xception CNN model.

Image Captioning

- Implemented an image captioning model using a CNN and a Transformer.

SKILLS

Programming: C/C++, C#, Java, Javascript, Python, Rust

Technologies: NodeJs, Express, React, Git, TFS, Jenkins, Jira, CMake

Languages: Turkish (Native), English

Others: Html, Css, MySQL, MongoDB, LaTeX, WireShark

HOBBIES

Fitness, Travelling, NFTs.