

# Cihan Can Ayyıldız

☎ +90 539 675 3169 | @ cihancanayyildiz@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📍 Istanbul, Turkey

## EDUCATION

---

### Gebze Technical University

*B.Sc. in Computer Engineering;*

Kocaeli, Turkey

*Sep 2016 – Jun 2022*

## WORK EXPERIENCE

---

### Intertech Information Technology and Marketing Inc.

*Junior Software Developer*

Istanbul, Turkey

*Nov 2020 – Feb 2022*

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

### NETTSI Informatics Technology

*Intern*

Istanbul, Turkey

*Aug 2020 – Sep 2020*

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

### BAYKAR Technology

*Intern*

Istanbul, Turkey

*Jun 2019 – Aug 2019*

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

## 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(Currently learning)

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

**Languages:** Turkish (Native), English

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

## HOBBIES

---

Fitness, Travelling, NFTs.