



# Kerim Safa Embel

Senior Computer Engineer Student

Gifted and focused software developer who enjoys working in highly functional teams. Willing and enthused to resolve challenges in most efficient manner.

✉ kerimembel@icloud.com

📍 Izmir, Turkey

in linkedin.com/in/kerim-embel

📞 +90 554 856 70 38

🌐 kerimembel.github.io

🐙 github.com/kerimembel

## EDUCATION

### Computer Engineering Dokuz Eylül University

09/2015 – 07/2020

*Thesis*

- Lip Reading in Turkish with Image Processing and Deep Learning

## PERSONAL PROJECTS

### Smart Rockets With Genetic Algorithm

- Rockets trying to find the target with genetic algorithm
- <https://editor.p5js.org/kerimembel/sketches/gAwMXmmwN>

### Black Hole Simulation

- Understanding how the Black Hole photo was taken
- <https://editor.p5js.org/kerimembel/sketches/i66i-v0JA>

### Information Hiding System

- The system that can keep your secret data safe using techniques of Cryptography and Steganography.
- <https://github.com/kerimembel/Information-Hiding-System>

Additional projects can be found at my Github.io page above.

## WORK EXPERIENCE

### Software Developer Intern Doğuş Teknoloji

07/2018 – 09/2018

*Achievements/Tasks*

- Developed ASP .NET Web Applications
- Web Spider application was written to Commercial Vehicle Department
- "DOD" mobile application and Web site test were performed

### Hardware Internship

### Dokuz Eylül University IT Department

08/2019 – 09/2019

*Achievements/Tasks*

- Arduino Projects
- Internet Infrastructure Setup

## SKILLS

Agile Development Methodologies

Scrum/Kanban

Project Management

Object Oriented Programming

SQL Technologies

Native Android Development

Web Application Development

C

JavaScript

Python

Java

C#

Data Structures and Algorithm Analysis

Embedded Systems

Cryptographic Algorithms

Network Security

Decision Support Systems

Data Mining

## COURSES / PARTICIPATIONS

### Technologies of Future Conference - Artificial Intelligence From Turing (12/2017)

*Concept of artificial intelligence and its place in our future.*

### DETECH/IEEE– Technology Conference (02/2018)

*The capture of today's technologies, robotics, IoT*

### OBSS Codemaster (12/2018)

*Coding competition*

### Turkcell Academy Security 101 (02/2019 – 05/2019)

*Cyber Security Certificate*

### GDG Izmir (10/2019)

*Software technologies conference*

## LANGUAGES

Turkish

*Native or Bilingual Proficiency*

English

*Full Professional Proficiency*

## INTERESTS

Amateur Music Producing

Gaming

Programming

Cyber Security

Listening