

# EMRULLAH DAĞKUŞU

## Computer Engineering Student

@ emrdagkusu@gmail.com

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Kayseri , Turkey

in emrdagkusu

emrdagkusu

## EDUCATION

Abdullah Gul University

B.S. IN COMPUTER ENGINEERING

📅 Sep 2018 - Expected: Jun 2023

📍 Kayseri, Turkey

CGPA: 3.81/4.00 | 3<sup>rd</sup> Year

## WORK EXPERIENCE

Software Engineer Intern

GAMS Software GmbH

📅 June 2021 - Sep 2021

📍 Braunschweig, Germany

- Technologies: [GAMS](#), Python, NumPy, Pandas, Qiskit
- Developed data connectors in Python for the emerging product of GAMS called GAMS Connect.
- Developed experimental connections between GAMS Mathematical Optimization and Quantum Computing facilities mainly based on the IBM Qiskit framework.
- [Letter Of Recommendation](#) [Traineeship Certificate](#)

## PROJECTS

[emrdagkusu.github.io](https://emrdagkusu.github.io)

Personal website

- Technologies: Gatsby.js, React.js, Github Actions

[Kucukdev](#)

Assistant for university students

- Technologies: Docker, Python FastAPI, Pytest, Uvicorn, React.js
- Track attendance, pick lessons in a way that they don't conflict. See schedule and overview of the week.

[G-Know](#)

Notifier mobile app for GitHub account

- Technologies: Dart, Flutter, Firebase-FireStore, GitHub API
- Get notification about your GitHub account. Create a list with favorite users and notify about their changes at GitHub.

[Auto Grading System](#)

Auto grading system for universities with online code editor

- Technologies: Docker, Python FastAPI, Uvicorn, React.js, Tailwind.css, Judge0 API
- Create assignments, test cases if professor. Solve assignments and see auto calculated grades right after if student.

[Library](#)

Library website that helps to arrange books

- Technologies: Python, Flask, SQLAlchemy, SQLite
- Arrange books at your shelf. See the books by filters (year, author). Add summary of books and opinions about books.




## VOLUNTEER EXPERIENCE

- [Inzva](#) Online  
Prepared Algorithm Bootcamp to raise awareness and to prepare students about algorithm contests in Turkey and ICPC [See](#) 2020
- [Twitch Live Streams](#) Online  
Prepared events with the junior and senior engineers to share their experience with the university and high-school students [See](#) 2020
- [AGU Computer Society](#) Kayseri/Turkey  
Board Member & [YouTube](#), [Twitch](#) Content Creator 2019 - Present
- [AGUCS HACKATHON](#) Kayseri/Turkey  
Prepared 24 hour hackathon in the context of mobile programming 2018

## LANGUAGES

- Turkish Native
- English Advanced

## SKILLS

-  **Languages:**  
Python, Java, Dart, JavaScript, HTML/CSS
-  **Frameworks & Tools:**  
Git, Docker, FastAPI, Flutter, React.js, Gatsby.js, Node.js, Express.js, Flask, Firebase
-  **Databases:**  
MongoDB, MySQL, PostgreSQL, SQLite

## RELEVANT COURSEWORK

- Computer Organization
- Parallel Architectures
- Internet of Things
- Embedded Systems
- Computer Networks
- Formal Languages And Automata Theory
- Operating Systems
- Data Structures & Algorithms
- Object-Oriented Programming
- Mobile Programming (Flutter)
- Digital Design
- Computers and Society ([Human Computer Interaction](#))

## CERTIFICATES

- [Build a Modern Computer from First Principles: From Nand to Tetris](#) (Mar/2022)  
Hebrew University of Jerusalem | Coursera
- [MongoDB Basics](#) (Jan/2022)  
MongoDB University
- [Python Data Structures](#) (Dec/2020)  
University of Michigan | Coursera
- [Introduction to Machine Learning](#) (Nov/2020)  
Bogazici University | Datacamp