EMRULLAH DAĞKUŞU

Computer Engineering Student

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EDUCATION

Abdullah Gul University

B.S. IN COMPUTER ENGINEERING

📅 Sep 2018 - Expected: Jun 2023   📍 Kayseri, Turkey

CGPA: 3.81/4.00 | 3rd 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

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
- Operating Systems
- Analysis of Algorithms
- Data Structures & Algorithms
- Object-Oriented Programming
- Mobile Programming (Flutter)
- Innovation and Entrepreneurship
- Digital Design
- Computers and Society (Human Computer Interaction)

CERTIFICATES

- **MongoDB Basics**   (Jan/2022)
                                                                               MongoDB University

- **Python Data Structures**   (Dec/2020)
                                                                               University of Michigan | Coursera

- **Introduction to Machine Learning**   (Nov/2020)
                                                                               Bogazici University | Datacamp

- **React & Context Api From Zero**   (Jul/2020)
                                                                               Udemy