Mustafa Emirhan Alkan
Computer Engineer

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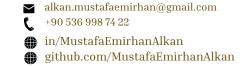🌐 in/MustafaEmirhanAlkan
🌐 github.com/MustafaEmirhanAlkan

Education

Computer Engineering, Turkish Aeronautical Association University   *2018-2023*

Relevant Coursework:
- C Sharp, Python, Java, C++, OOP, Open CV, Database and Data Structures.

Experience

Internship   *Aug 2020 - Sep 2020*
Data Processing and Software Tester

Verigo Digital Engineering
- Completed 176 PCI Geomatica source files for the Visualization and Analysis of Special Environmental Protection Areas (SEPA) Project.
- Creating mapping with LDAR technology and being involved in UK Map Cable Arrangement project.
- Access to cartography and LDAR technology code review facilities.

Internship   *Aug 2021 - Sep 2021*
Computer Engineer

Bigtaus Information Technologies
- Getting started learning Junior Web Development with researches on: Rest, Restful Web Services, HTTP methods, design patterns, solid principles and architectures using HTML and CSS.

Full Time Job   *Jan 2024 - Jan 2025*
Software Development Specialist

Konrul Teknoloji - YDC Bilişim Electronic Research Development
- Completed a 3rd person war game with environmental interactions, health system, UIs, combat system and online features.
- Learned the Unreal Engine and its connections with C++, as well as the blueprint coding method.
- Created an animal system to increase environmental interactions within the project.
- Learned to apply different feats such as pooling.

PROJECTS

Library Management System   *2020 - 2021*
- To provide an online Library Management System which is a desktop app
- Used Java for Implementation and Interface and Windows Operating System for Packaging.

Online Video Conference System   *2022 - 2023*
- Completed an Online Video Conferencing System project by using Electron and React for frontend, Web-RTC, Gin and Pion for backend, Postgres for Database and Figma for interface design.

Game Project   *2023 - 2024*
- Created game models through Blender and started developing game by transferring them to the Unity Game Engine.
- Implemented game mechanics, animations and codings.

Extra-Curricular Activities

- Working under the IEEE club.
- Giving Java education to our school's preparatory students.
- Managed the Science Fiction and Fantastic Society.
- Worked on a Arduino project.

Skills

Programming Skills

- C++
- C Sharp
- Python
- Java
- JavaScript
- WebRTC
- CSS
- React.js
- Node.js
- MATLAB
- NoSQL
- React Native
- TypeScript

Tools

- Unreal Engine
- Unity
- ClickUp
- GitHub
- Blender
- React
- Figma
- PostgreSQL
- Oracle

Language Skills

- Turkish   *NATIVE
- English   *C2
- German   *A1

References

Dr. Abdülvahhap Ömer TOPRAK
Turkish Aeronautical Association University, Ankara.
Number and email will be provided upon request.

Assoc. Prof. Dr. Yaşar KÖSE
Turkish Aeronautical Association University, Ankara.
Number and email will be provided upon request.