

# YAKUP EROGLU

## Computer Engineering Student

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### SUMMARY

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Technically versatile Computer Engineering student with a lifelong passion for technology and hands-on production. Experienced in Unity game development, with a growing specialization in embedded systems and cybersecurity (Siber Vatan). Driven by a commitment to transforming theoretical knowledge into practical applications and consistently expanding a diverse technical skill set.

### EDUCATION

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**Undergraduate Education, Recep Tayyip Erdogan University** 09/2022 – 06/2027  
Rize, TURKEY

**High School Education, Hacı Hatice Bayraktar Anatolian High School** 09/2018 – 06/2022  
Kartal/Istanbul, Turkey

### SKILLS

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#### Technical Skills

GitHub, React, Java, C++, C#, Embedded, Esp32, Stm32, MySQL, PostgreSQL, LLM Integration, Swagger, Postman, Npm, Docker, Unity

#### Social Skills

Effective Communication, Interpersonal Skills, Team Collaboration / Teamwork, Active Listening, Conflict Resolution, Decision Making, Analytical Thinking, Time Management, Result-Oriented, Empathy

### LANGUAGE

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#### ENGLISH

B1+

#### TURKISH

Native

### PROJECTS

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**Open Source GitHub Projects** 12/2022 – Present

- **Developed** cross-platform applications in Java, C++, and C#, ensuring full compatibility with Linux environments.
- **Implemented** robust unit testing frameworks and executed comprehensive test scenarios for individual modules.
- **Automated** build and project management workflows using CMake, Makefiles, and Maven to establish platform-independent development processes.
- **Generated** automated technical documentation using Doxygen, streamlining the developer experience and ensuring clear project structures.
- **Portfolio & Projects & Certificates:** yakuperoglu.com 📄

**Unity Games** 06/2022 – Present

- **Published** 6 Unity game projects; built gameplay systems, UI flows, and core mechanics in C#.
- **Designed and built** "HiLight" within a **3-day** university Game Jam, successfully securing **2nd** place.

- **Collaborated** with a **cross-functional** team of students from Uludağ University to develop "Echoes Of Delirium".
- **Game Portfolio:** [portacom.itch.io/](http://portacom.itch.io/)

## CERTIFICATES

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### **English Preparatory Program**

University Preparation Program  
Course

### **CSS Basics**

BTK Academy CSS Fundamentals  
Course

### **TalentCoders Tech/Camp**

TalentCoders Technology Camp  
Certificate Of Participation

### **Global Game Jam**

Certificate of Participation for the  
Global Game Jam event, hosted  
by the Department of Digital  
Game Design at Trabzon  
University.

### **Cyber Security**

SiberVatan Cyber Security  
program Certificate Of  
Participation

### **Grand Black Sea Forum**

Great Black Sea Forum  
participation certificate, KTU  
TTM, European Union.