Mert BALKAN

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I am a 3rd year Computer Engineering student with a great passion in game development. I have worked on various projects to improve myself in this field. I'm also interested in tool development, image processing, software patterns and principles. To see my other projects, you can visit my website.

EDUCATION

2021 - Still	**Pamukkale University - *Computer Engineer B.D.*** ***3rd Year*** **GPA: 3.52/4.00**
11.2021 – 06.2022	**Google Game and Application Academy - *Trainee***
2020 – 2021	**Suleyman Demirel University - *Computer Engineer B. D.*** Horizontal Translation to Pamukkale University in 1st year.

WORK EXPERIENCE

08.2022 - 09.2022	**Hero Concept – Game Developer Intern** • Implemented Fixed Point Math Classes • In Game Coroutine R&D and Kalman Filter Algorithm applied for frame smoothing • Fixing Mayhem Brawler's bugs • Better understanding of how the games are to be released for Xbox and PS consoles.

PROJECTS

March 2023	**Moon Card Tool** ***Going On Project*** • Creating Card Deck Editor tool for the Game. • Developing Card Position Editor Tool for adjusting angles and offsets between the cards. • Applying Software Design Patterns. • As a feature implementing Filtering Methods.
September 2022	**Investor** • Investor is an interactive Fiction Game with multiple endings made for Unidos Hispanic Heritage Month Jam 2022. • Received a honoruable mention by the jury.
February 2022	**Project: KREB** • Created in 72 hours, theme was an evolution. • Placed 2nd in this Game Jam.
May 2021	**HRMS** • Human resources management system project. Created with kodlama.io bootcamp. • Made with React, Java Spring Boot Framework and PostgreSQL. • Learned Object Relational Mapping with applying the methods.

TOOLS & LANGUAGES

- Unity, Unreal Engine, OpenGL
- C#, C++, C
- Java, Spring Boot, PostgreSQL, MsSQL
- OpenCV
- Git

CERTIFICATES

- Google Game and App. Academy Graduation Certificate
- Google Project Management Certificate
- Global AI Hub - Introduction to Machine Learning

HACKHATHONS & GAMEJAMS

- Istanbul BAU Global GameJam '23
- Peak Games Unithon '22
- Izmir OYGEM Global GameJam '22

LANGUAGES

- Turkish - Native
- English – B2
- German - A2

REFERENCES

1. Serkan Özay – heroconcept.com
   Position: Co-Founder & Creative Director
2. Sezgi Sevilmiş – ace.games
   Position: Level Designer