Tareq Malkawi

 TareqMalkawi / in TareqMalkawi / 🌐 tareqgamedev.com / ✉ tareqmalkawi17@gmail.com

SUMMARY

Computer engineering graduate. Problem solver and passionate game developer with a strong background in programming languages such as C++ and C#. I am experienced in developing games in Unity3D and Unreal Engine.

EXPERIENCE

Tahaluf Al Emarat Technical Solutions | AI Trainee

Data science, and machine learning.   Aug 2023 – Jan 2024

- Learned the fundamentals of Linear algebra and probability theories.
- Learned Python programming language, OOP, NumPy, and Pandas.
- Explored Data visualization tools such as Matplotlib, and Seaborn.
- Learned the fundamentals of Machine learning using sklearn.
- Participated in multiple competitions on the Kaggle platform.

EDUCATION

Jordan University of Science and Technology, Irbid, Jordan

Bachelor of Computer Engineering   Sep 2018 – Jan 2024

PROJECTS

Hot Air Balloon Physics | Blimp Physics (Unity3D and C#)   Mar 2024 - Jul 2024

Design, programming, and documentation.

- Developed two types of aerostatic machines using real-world physics: hot air balloons and blimps.
- Implemented realistic controllers and multiple AI solutions.
- Prepared comprehensive documentation, covering various topics including physics, the UI system, instruments, and controllers
- Published on the Unity asset store **Hot Air Balloon Physics | Blimp Physics**.

Third-person shooter (Unreal Engine 5 and C++)

Design, programming, and prototyping.   Mar 2023 - Aug 2023

- Implemented an advanced locomotion system.
- Implemented an inventory and advanced weapons system.
- Designed and implemented an AI system using behavior trees.

SKILLS

Programming Languages:	C/C++, C#, Python, JavaScript, CSS, and HTML.
Game Engines and Software:	Unreal Engine, Unity3D, Visual Studio, Git and GitHub.
Art and Design:	Adobe Illustrator, Photoshop, Premiere, Blender, Audacity.
Soft Skills:	Time management, Teamwork, and Problem-solving.

CERTIFICATES

EF SET Certificate

English Test (C2 Proficient)   Feb 2023

LANGUAGES

- Arabic (Native)
- English (Fluent)