Ibrahim Ben Lazrak

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PROFESSIONAL EXPERIENCE

Lanterns Studio
Game Programmer Intern

Tunis, Tunisia
Jun 2023 - Mai 2024

Lanterns is a gaming studio that also provides extended reality apps and motion capture services to create an AR, MR or VR application, high quality motion capture or custom animations.

Accomplishments:
- Learned Unreal Engine 5: Acquired comprehensive knowledge and skills in using Unreal Engine 5.
- Behavioral Cloning System: Designed and implemented a behavioral cloning system, enabling AI to replicate player behaviors and enhancing game AI development.
- Game Demos: Developed multiple game demos to familiarize with the engine and its capabilities.
- Worms Armageddon Remake: Remade the classic game Worms Armageddon, showcasing ability to recreate complex game mechanics and design.
- Souls-like Game Development: Created a Souls-like game, showing proficiency in advanced game design, animations and most imoprtantly advanced combat mechanics.

Project Technologies: Unreal Engine 4, 5, Blueprints, C++

WezzBox Sutdio
Game Programmer Intern

Sousse, Tunisia
Jul 2022 - Sept 2022

WezzBox is gaming studio that is specialized in creating indie and educational games.

Accomplishments:
- Designed and developed mini games.
- Implemented gameplay mechanics and interactive features.
- Leveraged C# programming to develop and optimize game systems.
- Explored AR and VR development.

Project Technologies: Unity 2D ,3D, Mobile, AR, VR, C#

Ibarar
Software Developer

Bouira, Algeria
Aug 2022 - Nov 2022

IBARAR is a company specialized in the corrugated cardboard industry.

Accomplishments:
- Designed and developed a complete tailored ERP software.
- Developed financial management functionalities.
- Collaborated with the company's team for better understanding of their specific requirements and needs.
- Designed the application to perform complex equations and calculations for best results.

Project Technologies: .Net , WPF, C#,VB, SQL

KBE Elektrotechnik
Software Developer intern

Sousse, Tunisia
Feb 2021 - Jun 2021

KBE Elektrotechnik is a company focused on exportation and manufacture stranded and twisted copper wires, as well as electrical cables for the automotive sector.

Accomplishments:
- Developed and designed a complete ERP software.
- Implemented a data management system within the application.
- Performed complex equations and calculations for data analysis.
- Created an interactive chart visualization feature for data representation.
- Developed a robust data traceability.

Project Technologies: .Net, WPF, C#, SQL

SIFCO
Software Developer

SIFCO is a company specialized in the corrugated cardboard industry.

Accomplishments:
- Designed and developed a complete tailored ERP software.
- Developed financial management functionalities.
- Collaborated with the company's team for better understanding of their specific requirements and needs.
- Designed the application to perform complex equations and calculations for best results.

Project Technologies: .Net , WPF, C#,VB, SQL

EDUCATION

EPI - DIGITAL SCHOOL
Engineering Degree in Computer Science.

Sousse , Tunisia
2024

Institut Superieur Science Appliquée de Technologie
Bachelor Degree in Industrial Computer Science

Sousse , Tunisia
2021

High School
Baccalaureate's Degree in Mathematics

Sousse , Tunisia
2018

KEY COMPETENCIES

Unreal Engine / Unity	Flutter	HTML / PHP / SQL
C, C#, C++	JavaScript	Docker
Java	Python	NodeJS

PERSONAL PROJECTS

Unreal Engine Games | Since 2023

- 2D, 2.5D , 3D platformer games
- First person shooter game
- Soulslike game

Unity Games | Since 2021
- 2D, 3D platformer games
- Puzzle games
- VR horror game
- Third person adventure game
- First person adventure and shooter games

Software Development | Since 2019

- Sold several applications in both Tunisia and Algeria.
- Desktop applications (.Net / Python / Java)
- Mobile applications (Flutter/ React Native / NodeJS)
- Websites and applications (ReactJs/ JavaScript / Laravel/ NodeJS)

LANGUAGES, ACTIVITES AND INTERSTS

Languages: **English** *(Business fluent)*
French *(Business fluent)*
Arabic *(Mother language)*

Intrests : President of video game development department "EPI Gaming Freaks".
Team manager and leader of an E-sports team.
Professional E-Sports player (Tunisian champion of Street Fighter 6 in 2023/2024).
Piano player and teacher over 10 years.
Drummer in a band.