Ahmet Burak Yüksel

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🪪 Profile

As a recent **CTIS** graduate from **Bilkent University**, I am passionate about **game development** and constantly driven to expand my knowledge and skills. My hands-on experience with diverse projects, from **console-based mini-games** to advanced **ChatGPT integrated role-playing game** using **Unreal Engine 5**, reflects my dedication and technical proficiency. I am eager to bring my creativity and skills to a dynamic team in the **gaming industry**, where I can contribute to the creation of engaging and innovative gaming experiences.

🎓 Education

Bilkent University
Bachelor's Degree, Information Systems and Technologies
01/2020 – 05/2024 | Ankara, Turkey

CGPA: 2.83/4.0

Courses: Discrete Mathematics**, Object Oriented Programming,** Principles of Software Engineering, Frontend Web Technologies**, Object Oriented Analysis and Design**, Backend Development, Database Management Systems**, Data Structures**, Applied Computer Networks, Applied Data Analysis, **Computer Algorithms**

Projects:
- Developed Object Oriented GUI-based application to manage video game store inventory and customer records using **Java**.
- Designed and implemented several mini-games incorporating mathematical concepts, using **C, GLUT,** and **OpenGL.**
- Built Click Challenge web game that challenges users' clicking speed and accuracy using **HTML, CSS**, and **JavaScript(jQuery)**.
- Implemented dynamic movie review website allowing users to review movies and create favorite lists using **PHP** and **MySQL**.
- Developed an Android application providing information on upcoming movies and movie news using **Java** and Android Studio.
- Senior Project - **ChatGPT** integrated **Role-Playing Game** built on **Unreal Engine 5** using **C++**.

Metropolia University of Applied Sciences
Exchange Student, Information Technology
01–05/2022 | Helsinki, Finland

Courses: Amazon Web Services, Microsoft Azure, **Game Engines**, IT Security, **Introduction to Game Business,** Cybersecurity Operations

Project: AWS Academy Cloud Architecting Capstone Project

Bilkent University
School of English Language (BUSEL)
09/2018 – 12/2019 | Ankara, Turkey

💼 Professional Experience

Simsoft Technologies
Software Engineer Intern (On-Site) 🔗
01–05/2023 | Ankara, Turkey
- Enhanced project builder app for **simulation environments** using **C++** and **Qt** framework.
- Improved project documentation through localization of **Doxygen**.
- Developed a **simulation setup program** to resolve installation failures using **C++** and **Qt** framework.

Simsoft Technologies
Software Test Engineer Intern (On-Site) 🔗
08–09/2022 | Ankara, Turkey
- Created detailed **test documentation** for simulation workflows, including key test steps for functionality validation.
- Validated simulation functions and **identified bugs** in the engine.
- Conducted **map testing** to identify texture glitches and provided detailed reports for fixes.

🍥 Skills

Programming: C, **C++**, Java, Python, SQL, JavaScript
Cloud Computing: AWS, Azure
Tools & Technologies: Git, **Unreal Engine**, Qt, Doxygen, GLUT, OpenGL
Concepts: OOP, OOA/OOD (UML, Design Patterns), Networking, **Game Mechanics**, **Level Design**

🏆 Awards

1st Ranking Team Award - CTIS Awards 2024

Recognized by the **Department of Information Systems and Technologies**, Bilkent University, in consultation with **Havelsan** for my team's Senior Project titled "**Knight of the Alliance**".

Best CTIS Intern Award - CTIS Awards 2024

Selected by the Department of **Information Systems and Technologies**, in consultation with **Simsoft Technologies**, to receive the award for my long-term internship.

📜 Certificates

CISCO Certificate of Course Completion - 2023 🔗
CCNA: Switching, Routing, and Wireless Essentials - 21 Hours

CISCO Certificate of Course Completion - 2022 🔗
CyberOps Associate - 30 Hours

AWS Academy Graduate - 2022 🔗
AWS Academy Cloud Architecting - 60 Hours

Mobile Action Hackathor Completion - 2022
iOS - Swift App

IDP Education-IELTS - 2024
IELTS Academic Exam Result: 7/9

🌐 Languages

Turkish (Native)

English (Professional Working Proficiency)

🎨 Interests

Game Development & Design (Intermediate in Unreal Engine 5)

Swimming (Swimmer at Cansu Sports Club from 2005 to 2015)

Playing Video Games (Began with Super Mario at 4)

⚓ References

Dr. Erkan Ucar, *CTIS Chairman,* Bilkent University
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Burcu Liman, *CTIS Instructor,* Bilkent University
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