

Safak Onol

Game Programmer

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Summary

Passionate Game Programmer with C/C++, C#, JS and Python expertise, specializing in rendering APIs such as OpenGL and Vulkan. Proficient in Unreal Engine, Unity and Godot with a focus on 3D math. Accomplished PASS Leader at Humber College, guiding students in mastering programming concepts. Background in tech support and quality management, demonstrating strong problem-solving and teamwork skills.

Core Qualifications

- Programming Languages: C, C++, C#, JS, Python
- Rendering APIs : OpenGL, Vulkan, raylib, SDL
- Game Engines: Unreal Engine, Unity, Godot
- VR/AR Application Programming
- 3D Math for Game Development
- Game Design
- Artificial Intelligence
- Problem Solving & Debugging
- Game Testing & Feedback
- Communication & Team Work
- Team Management
- AGILE Methodology
- Attention to Detail
- Quality Assurance & Management
- Time Management
- Multitasking

Education

09.2021 - 05.2024

Humber College / Toronto, ON - Game Programming

09.2005 - 01.2010

Ege University / Istanbul, Turkey - BS Engineering, Food Engineering

Experience

01.2023 - 05.2024

Humber College, Toronto ON - Game Programming PASS Leader

- Assisted students in comprehending C++, Game Physics, Game Mathematics, SDL, OpenGL, and Unreal Engine through class participation and weekly study sessions.
- Collaborated with professors to identify common course challenges and optimize teaching strategies.
- Conducted personalized one-on-one study sessions with struggling students, helping them grasp fundamental programming concepts and regain their academic footing.
- Contributed significantly to reducing the retention rate in Game Physics 2 and Computer Graphics (OpenGL) courses during the Summer 2023 Semester by collaborating closely with professors.

06.2022 - 09.2022

Kelly Connect Canada, Toronto ON - Apple Tech Support Specialist

- Provided extensive technical support for Apple users (iOS, iPadOS & macOS)
- Performed above all performance metrics for the position and played a critical role in my team's move to the top of the rankings.

04.2011 - 05.2019

Bureau Veritas, Istanbul TURKEY - QMS Engineer & Auditor, Operations Planner

- Planned and Performed Quality Management Audits as per International Standards Organization and related Accreditation Body requirements.
- Improved customer relationships by creating tailored second-party audits.
- Increased the company's operational capacity by utilizing resource management and operational control.

Portfolio: github.com/SafakOnol