

Towhid Sarker

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Skills

- C++ | C# | JavaScript | HTML | CSS | MySQL | Git | Github | Linux
- OOP | Unity 2D | Unity 3D | Unity UI | Level Design | DOTween | Particle System | Design Patterns
- Game Development | Frontend Development

Experience

Game Developer, Intern

Riseup Labs

Uttara, Dhaka 08/2024 - 11/2024

- **Math Escape:** Developed game where player have to escape dungeon with the help of simple math problems, including level design, 3D character movement UI design. (Unity/C#)
- **Jingle Word:** Collaborated on a group project for a word-making game, focusing on implementing a functional leaderboard, designing the user login system UI, and scripting player-related buttons and functionalities. Integrated AdMob for in-game advertisements and monetization. (Unity/C#)

Education

Bachelor of Science

University of Information Technology and Sciences

06/2020 - 06/2024

- Major in Computer Science Engineering CGPA - 3.09

Projects

- **Math Escape:** Developed a puzzle-based dungeon escape game requiring players to solve math problems to progress.
 - Created and designed the dungeon environment.
 - Implemented character animations, movement mechanics, and time-based challenges.
 - Built core functionalities, including collectible items, within Unity and C#, integrating a unique narrative. [\[Link\]](#)
- **Sudoku Game:** Developing a multiplayer 2D Sudoku game with dynamic UI and grid options.
 - Designed and implemented a 9x9 grid layout for multiplayer.
 - Currently adding multiplayer functionality for real-time gameplay.
 - Focused on intuitive UI and smooth mechanics using Unity and C#. [\[Link\]](#)
- **Atomic Architect:** Created an educational game focused on atomic structure assembly. [Team Project]
 - Designed mechanics for players to assemble elements by managing electrons, protons, and neutrons.
 - Implemented mouse/touch-controlled gun muzzle rotation to interact with atomic particles.
 - Used Scriptable Objects for scalable data management of elements like hydrogen, helium, and lithium.
 - Built core functionality and progression systems for dynamic level transitions. [\[Link\]](#)

Achievements

- Sec Inter University Junior Programming Contest,2022_(Rank : 43 Team : UITS_Wreckers_Exist).
- 6th DRMC International Tech Carnival 2023 Programming Contest [Preliminary Round](Rank : 13 Team : CircleCycle).
- UITS INTRA UNIVERSITY PROGRAMMING CONTEST 2022 (Rank: 10, Team: UITS_CircleCycle).
- Solved **1200+** ACM problems in different Online Judges, primarily using C++.
- **Codeforces:** ___PrEdAToR___ (max: 1110) [Solved 750+].
- **LeetCode:** _PrEdAToR_ (max: 1511) [Solved 150+].

Others

- **Poster Presentation Competition:** Secured 3rd place in a university-level poster presentation competition, demonstrating strong communication and presentation skills.