Zed Ikejiani

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Portfolio: https://mrrobotioi.github.io/home/

Education

York University (Sep 2021 – Present)
Bachelor's degree in Digital Media
Relevant courses: Data Structures, Discrete Math, Game Development, Web Development.

Sheridan College (Jan 2020 – Jun 2021)
Diploma in Computer Programming
Relevant courses: Object Oriented Programming-Java, Linux/Unix, Data Structures in C, Database Design, and Implementation

Experience

Elle Hacks (Sep 2021 – Feb 2022)
Web developer
Worked with designers and a dev team on making and maintaining websites.

Hillside High School (Sep 2018 – June 2019)
Robotics team lead
Assisted in adding functionality to robots and coordinating team efforts.

Projects

1. Developed a website that displays a catalogue of Version Katoki (Ver. Ka) Gundam model kits. Each model kit has an info page containing a video about it and links to stores that sell it. The Front-End uses React, Vue, and Node.js. The backend uses MongoDB for the database and Node.js along with Express for the backend API. Also made use of REST APIs (e.g. Google's YouTube Data API) and Maven dependencies via Java to gather info and input it into the MongoDB Database.
   Link to Website - https://mrrobotioi.github.io/Gund-Zero/

2. Developed a side-scroller game called "Blight Souls" with C# using Unity. Made scripts for the behaviour of the player, objects, and NPCs (Non-playable characters). These scripts give them different functions, effects, and properties such as a health bar and power bar, dealing damage, powering up an ability, spawning an object, movement, speeding up or slowing down, and playing sounds and animations.
   Link to the game - https://mrrobotioi.itch.io/blight-souls

3. Developed an algorithm to solve for the number of steps needed to get to a specific floor given the number of floors, how many floors one can go up and down by, the starting floor, and the destination floor. The algorithm uses a graph data structure along with stack, queue and vertex classes I made. And returns the answer within a second.
   GitHub: https://github.com/mrrobotioi/whats-the-floor

Skills

- Proficient with Java, HTML, CSS, JavaScript, C#, C, MongoDB, REST APIs, React, Node.js, Express, SQL, Git and Linux
- Also proficient in software tools like Visual Studio Code, Eclipse, Processing, Unity, Postman, IntelliJ IDEA, and NetBeans.