Mathew Estafanous

Contact Info

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Location:
Toronto, Ontario - Canada

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github.com/Mathew-Estafanous

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Summary

An enthusiastic, dedicated individual who is excited to immerse themselves in a work environment and quickly grow in their technological skills and abilities.

Technological Skills

Java   C#   Python

Object-Oriented Design

Git (Version Control)

Data Structures & Algorithms

Spring Boot

Relational Databases (MySQL)

REST APIs & Web technologies

Docker

Interpersonal Skills

- Strong problem solving skills
- Confident, clear and professional communication abilities
- Willingness to learn and grow in skills
- Capable of working efficiently with other team members.
- Very reliable and capable of efficient time management.

Education

Ontario Secondary School Diploma (Expected)
St. Theresa of Lisieux CHS | September 2017 - June 2021

Project Experience

Code Pastebin Website
🔗 https://urcodebin.live/
https://github.com/Mathew-Estafanous/Ur-Codebin

- An application that allows users to share snippets of their code by easily sharing a link to their pasted code.
- Used design patterns and S.O.L.I.D principles to create clean and efficient code that allowed for decoupling among different parts of the system.
- Developed a strong knowledge of database schema designs and SQL queries.
- Produced sets of reliable unit tests that ensure critical functionality was maintained throughout the project lifecycle.
- Gained strong foundations using continuous development and cloud computing tools like Amazon Web Services, Github Actions, and Docker.

Weather App Website
🔗 https://github.com/Mathew-Estafanous/Ur-Weather-App

- A website that provides users with relevant weather information for their chosen city.
- Gained strong knowledge in creating multi-threaded services that ensured up to 4x faster response times for end-users.
- Learned to interact with REST APIs and create well-developed services that efficiently call and parse the required information.

Space Generation Application
🔗 https://github.com/Mathew-Estafanous/Space-Generation

- An application that generates an almost infinite 2D space universe that users are able to interact with.
- Implemented algorithms (ie. quicksort) and data structures (ie. HashTable) to ensure efficient use of memory and optimized interaction speeds.
- Developed an algorithm that determines what objects should be visible to the user and very efficiently generates only those needed objects.

Extra Curriculars

Diversity & Equity Council Member
St. Theresa of Lisieux CHS | September 2019 - Present
- Organize and develop outlined plans for school-wide events.
- Collaborate with fellow council members in creating event ideas and proposals.
- Leading the student body in a variety of events and activities.

Leader In Training (Volunteer)
Chapel Place Sports Camp | July 2018/19 - August 2018/19
Total Hours: 400hrs
- Helped lead a 4-week summer sports camp for a wide age range of kids up to age 14.
- Collaborate in developing well thought out plans for the day's activities and lessons.
- Successfully follow through with the planned out activities and ensure the program is running smoothly and according to plan.

References Available Upon Request