

# Mathew Estafanous

## Contact Info

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Location:  
Toronto, Ontario - Canada

 mathew-estafanous.github.io

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## Summary

An enthusiastic, dedicated individual who is excited for an opportunity to further his academic and industry knowledge through the dev degree program provided by shopify.

## 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