

Emile Li Tim Cheong

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Profile

I am a very enthusiastic and motivated person with a passion for programming and through that, I have honed my problem-solving skills by critically analyzing problems in a holistic way. I am also a good team player with adept communication skills, the willingness to learn new skills and adapt quickly to any new work environment.

Education

University of Toronto

B.Sc. in COMPUTER SCIENCE (Software Engineering Stream)

Sept 2018 – Present

Expected Grad: June 2022

Experience

Leonardo Worldwide Corporation

Toronto, ON

Full Stack Developer

January – June 2020

- Worked on both backend and frontend side of their web application.
- Component based UI framework using: Marko.js, Material UI, SASS, HTML5.
- Developing API Gateway utilizing ES6, Node JS, GraphQL, gRPC.
- Backend microservices in Java (Spring Boot, gRPC).
- Involved in sprint planning and daily scrum meetings.
- Testing of UI using Jest.

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, Java, C, Python, CSS/SASS, HTML5

Libraries & Frameworks: MEAN Stack, GraphQL, Material UI, JQuery, Bootstrap

Projects

Youtube Playlist Retriever (Angular, Node.js) | demo: <https://ytpp.herokuapp.com>

- Use of Youtube Data API and Google Authentication to retrieve public playlists from music channel of choice.
- Implemented an audio player with a nice UI and features such as play/pause, next, previous and looping.
- Gained more knowledge on component-based UI framework from using Angular.
- Improved SASS/CSS skills by using proper display alignment techniques.

Linux Shell Replica (JAVA) | <https://github.com/emile29/Linux-shell-replica>

- Replica of linux shell with some similar commands such as 'cp', 'cat', 'mkdir' and so on.
- Gained extensive knowledge on object-oriented programming concepts such as Polymorphism and Encapsulation were used.
- Implemented Unit-testing with mock objects using the Dependency injection pattern on the Singleton mock "File System".

Weather App (HTML, CSS, JavaScript) | demo: <https://emile29.github.io/projects>

- Weather Forecast webapp that fetches data from a weather API and gives weather information on any city in the world and also the user's current location's forecast.
- Developed good understanding of APIs using jQuery and Ajax callbacks in JavaScript.
- Honed my skills in CSS, on how to create properly responsive UI by using different bootstraps libraries.