[@github-actions](https://github.com/Ming424)[](https://www.linkedin.com/in/tianming-chen)**Thierry Chen (TianMing)**

[tianming.chen0424@gmail.com](mailto:tianming.chen0424@gmail.com) · Montréal, Qc · Trilingual (EN, FR, CN)

**Skills**

**Programming**: Java, Python, SQL, TS, C++, Go

**Environment**: Spring, Angular, Azure, Ubuntu, Docker, Spring, React, React Native, Redux, Vue, Vuex, Node, Maven

**Database**: Oracle, MySQL, Mongo, Postgre, Neo4j, Redis

**Other**: Git, Matlab, Latex, Unity, Postman, Mockito, Selenium, JMeter, Jenkins, Figma, Sonar

**Education**

**B.Eng. – Software Engineering Co-op with Distinction** Sep 2018 to May 2022

*Concordia University*

* Dean’s List 2020-2021, Member of the Institute for Co-operative Education
* Cumulative GPA 3.6
* Relevant Courses: OOP, Data Structure, OS, Architecture, Management, UI, Capstone, Network Security, etc.
* Electives: Database, Web-Based Enterprise App, Image processing, C++, Network Communication

**Work Experience**

**Zimmer Biomet**



*Java Developer* Jul 2022 - Now

* Responsible for the development of SaaS product PMP (Personalized Medical Portal) using **SpringBoot**, **Microsoft SQL**, **Angular** with Azure in hybrid. Accomplish refactor of system structure to perform better IoC. Currently working and learning for the documentation and schema for **GitLab CI**.

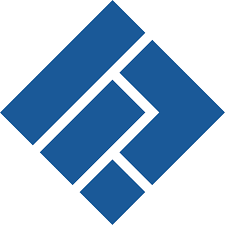
**Ericsson**



*Software Developer Intern* May 2021 - Jun 2022

* Embed unit testing for micro services using **Java**, **Mockito**, **Junit,** fulfill **Sonar** requirement. Work with **Springboot**, **Kubernetes**, **Mongo** and **Elastic** inside **Ubuntu** VM. Accomplished continuous integration for **Postman** for regresstion test.
* Participated for collaboration with Bell and SmarTone. Responsible for investigating app network tuples using packet capture and find desired speed according to the lab setup using **Wireshark** and **NetLimiter**. Participated into collaboration with Ubisoft and BT Group. Responsible for the product live demo and product recording for the market team.

**Fiera Capital**



*Analyst Intern, Process Optimization* May 2020 - Sep 2020

* Create automation script with **Python** and **SQL** in Excel, Access and Outlook in order to accelerate the workflow. Analyze, fix and improving existing automation. Working with two teams and fulfill their requirements. Working with huge quantity of data pool. Coding while applied secure coding practices for future integration. Accomplish automation upon email receiving. Auto data collection and generation of report from email attachment.

Airbus | The Org **Airbus**

*Full Stack Developer Intern* Aug 2019 - Dec 2019

* Accomplish a real-time monitoring **SaaS** in the form of Web App that analyzes and displays the status of discrepancy reports status using **React**, **Redux**, **Oracle DB** and **PHP**. Completed the learning of the explicit **OracleSQL** Database. Accomplish the requirement elicitation and the evaluation of trending technologies. Data visualization with **Chart.js**. Designed responsible website that also support mobile view.

**Certificate**

* **AZ-900 Azure Fundamentals Microsoft Certified** [url](https://www.credly.com/badges/9010c84c-21b9-4e78-acaa-c2866b0dfa3f/public_url) July 25, 2022

**Projects**

**Capstone: TradeShare** [@github-actions](https://github.com/TradeShare490/TradeShare) academic Fall 2021 - Winter 2022

* Development of social media for stock trading using **Vue**, **Vuex**, **Vuetify**, **Node.js**, **Express**, **Axios**, **Chart.js**, **ESlint**, **Swagger**, **MongoDB** and **Neo4j**, deployed on PaaS **Heroku**. Responsible for frontend development, backend integration, CI testing with **Cypress.io, Sonar and Postman**, UI prototyping with **Figma**.

**Java: SmartHome Simulator** [@github-actions](https://github.com/Ming424/SOEN343-TEAM8) academic Fall 2020

* Development of IoT simulation of the smart home center controller with Gradle and JavaFX. Observer, Strategy, Singleton patterns are implemented for the design. Responsible for accomplishing the core functionality and UI design.

**Web: React ERP System** [@github-actions](https://github.com/Ming424/soen-390-team07) academic Winter 2020

* Development of WEP Web application simulated a bike factory using **React**, **Redux**, **Docker**, **MongoDB**, **Nodejs**, **Express** and **TS**. Responsible core prototype design with **Figma** and frontend development.

**Web: Stock Booklet** [@github-actions](https://github.com/Ming424/StockBooklet)personal Winter 2022

* Development of stock monitoring web app using **React** and **FinnHub API**. It provides stock watch list, real time quote and chart, company info and news. Data visualization through **ApexChart**. Still in development.