Yidi **Chen**

(+1) 647-679-5199 | ✉ ericchenxktz@gmail.com | ⌂ xktz.github.io | ⊙ XKTZ | in Yidi Chen

Skills

Languages	Java, Python, C++, HTML, CSS, JavaScript & TypeScript
Frameworks	Spring & Spring Boot, Hibernate, Vue.js (2 & 3), React.js, Pytorch, Flask
Tools	Windows, Linux, MySQL, Docker

Projects

UWaterloo Bubble ⤢

Java, Spring Boot, PyTorch, Vue.js

DEVELOPER (CO-DEVELOPER)

- An application targeting for helping UWaterloo Student social and communication.
- Worked with two teammates, playing the role developing **frontend** (Vue) and **AI** (pytorch).
- Used **Vue.js** with **Element Plus** for frontend, **Spring Boot**, **Spring Security** for backend, and **Pytorch** and **Flask** for doing recommendation to users.

Xkamework ⤢

Java, JSON

CREATOR

- Build a simple framework in Java supporting **Inverse of Controlling**.
- Supporting to create the beans in the application context by using json or using the annotation.
- Used **reflection** technology in Java. Used **DFS** to traverse the dependency of beans for injection.

Diffusion Anime Head ⤢

Python, Pytorch, DDPM

CREATOR

- Build an AI model **generating the anime faces**.
- Used **Pytorch** as framework and **DDPM (Diffusion Model)**.

Email Manager ⤢

Java, JS, Springboot, React.js

CREATOR

- An email manager intended to make email management similar to file explorer.
- Developed as an local webapp. Use **Springboot** for backend and **React.js** for frontend framework.

Education

University of Waterloo

Honour Mathematics

BACHELOR OF MATHEMATICS (CANDIDATE)

Sep. 2022 - April 2027

Achievements:

- Received Mathematics International Students Entrance Scholarship
- Received University of Waterloo President's Scholarship of Distinction
- Received **97%** in Advanced Designing Functional Programs
- Received **97%** in Algebra
- Received **100%** in Calculus I

Achievements

2022	**Honor Roll Group II**,	Canadian Computing Competition (Senior)
2022	**Honor Roll Group V**,	Euclid Contest
2021	**Honor Roll Group IV**,	Canadian Computing Competition (Senior)
2021	**Honor Roll Group V**,	Euclid Contest