

KATTY CHINGMAN YU FENG

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EDUCATION

Sept 2020 - Present **Honours Bachelor of Science in Computer Science**, *University of Toronto*
• cGPA: 3.55/4.0

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS, Racket, Haskell, MIPS Assembly.

Technologies & Tools: React, Git, Node.js, Express.js, Neo4J, MongoDB, PostgreSQL, Unix, Docker.

PROJECTS

HiveMind | MongoDB, React, Node.js, Express.js, Jira, Scrum

- Developed a group-making application in a test-driven environment using MERN stack that matches users based on user-specified criteria such as similar interests.
- Designed and developed REST API to perform CRUD operations on data.
- Collaborated in a scrum team of 6 using agile methodology and used git for version control.

Zoomer (Coursework) | React, Java, Neo4J, MongoDB, PostgreSQL, Docker

- Implemented a ride-sharing application using the Java Maven framework.
- Created REST API endpoints that are supported by Neo4J, MongoDB, PostgreSQL databases.
- Utilized git and git flow to maintain a clean, organized codebase.

Three Musketeers Game (Coursework) | Java, JavaFX, Junit

- Designed and developed a strategy board game using Java.
- Applied Object-Oriented Programming model and various design patterns for clean and modular code.

EXPERIENCE

Dec 2022 – Apr 2023 **Web Developer**, *University of Toronto Erindale Hong Kong Students' Association*

- Collaborated with one other team member to design and develop an interactive, functional website in JavaScript and HTML/CSS to promote the association.

Jan 2023 – Present **Coding Instructor**, *Alpha Coding*

- Created and developed customized curriculum and teaching plans at various levels from beginner to advanced.
- Tracked each student's progress and provided feedback to students and parents.
- Communicated with team members clearly through daily reports.

HONOURS AND AWARDS

Sept 2020	University of Toronto Scholars , Scholarship for the University's outstanding students at admission.
Sept 2020	University of Toronto Entrance Scholarship , For students with an overall average of 95.0% and above.
Sept 2020 – 2022	University of Toronto International Scholars , Scholarship for the University's exceptional international students selected by committee.