

Felicia Chen

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EDUCATION

McGill University

2025 (Expected)

Bachelor of Science, Computer Science

Relevant Classes: Data Structures and Algorithms, Programming Challenges, Computer Systems, Software Systems

SKILLS

Technical Skills: Python, C, C++, C#, Go, Java, JavaScript, HTML, CSS, ReactJS

Speaking Languages: English, French, Mandarin

PROJECTS

Face Authenticator | ReactJS, JavaScript, HTML, CSS | Code.Jam(12)

- Participated in a 36-hour collaborative programming project in team of 4 at McGill University
- Created a **web application** where users are authenticated with their face using `fio.js` to avoid scams
- Used geolocation to track users' current location when checking in and out

DigiMoment | MERN-stack | Code to Give (Morgan Stanley Hackathon) | <http://digi.thanhtha.net:3000/>

- Participated in a 96-hour collaborative programming project using **extreme programming (Agile)** in team of 8
- Created a **web application** where users can share ideas and issues within and outside physical communities
- Used **MERN-stack (MongoDB, ExpressJS, ReactJS, NodeJS)** to develop the website

Icy Bird Game | Python | HackHarvard 2022

- Participated in a 36-hour collaborative programming project at Harvard University
- Led a team of four to make a flappy bird recreation using **PyGame** and **OOP**

Snake Game | Python

- Used **PyGame** to interact with user inputs and updates display, snake, fruit, and score
- Implemented **object-oriented programming** to make classes for snakes, food, and main in Python

Blackjack Card Game | C++

- Simulated Blackjack casino banking game using **object-oriented programming** and **inheritance**

Cipher | C

- Simulated encryption/decryption by taking a key and text from **Unix** and transforming the text into a **2D array**
-

LEADERSHIP AND ACTIVITIES

NP Compete McGill 2022 | Programmer

10/2022

- Placed **top 15%** in McGill's annual programming competition
- Collaborated in a team of 3 using only 1 computer to solve as many questions as possible within 3 hours
- Solved programming problems using appropriate **data structures and algorithms** using **C++** and **Python**

Maison O Thé | Game Tournament Coordinator

03/2021 – Present

- Organized video game tournaments including over 160 participants
 - Collaborated with 18 team members to dictate procedures
 - Supervised ongoing games to ensure fairness of games and integrity of participants
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WORK EXPERIENCE

TD Canada Trust | Teller | Montreal, QC

07/2021 – 05/2022

- Delivered great customer experience in a fast-paced environment by connecting with clients with personal interactions
- Analyzed client needs to recommend solutions adequately while exercising discretion in confidential matters
- Processed financial transactions as per industry regulations and TD's Code of Conduct and Ethics

Bento Sushi | Cashier | Pointe-Claire, QC

06/2019 – 04/2020

- Stimulated great customer service experience by greeting customers and communicating with cooks
- Guided customers with sales transactions accurately and efficiently, including cash and card
- Moderated the organization of the store by filling stocks and cleaning the shop including machines

Collège Charlemagne | Math Tutor | Pierrefonds, QC

12/2018 – 06/2019

- Enhanced communication and active listening skills, **increasing tutee's math grade from 55% to 80%**