

# CHIN YEE LAI

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## Education

### York University

*Bachelor of Science (Honours) in Computer Science*

**Expected June 2024**

*Toronto, ON*

## Experience

### yuHack

*Front-End Developer*

**January 2023 – Present**

*Toronto, ON*

- Collaborated with design team to translate wireframes and mockups into pixel-perfect, responsive web pages using Next.js with Tailwind CSS that works across desktops, tablet, and other devices.
- Planned new features and components to be added and codes to be reviewed using agile project management tool, Jira.
- Worked with both technical and marketing team to keep on track with the project plan and timeline.

### York University

*Teaching Assistant*

**January 2023 – April 2023**

*Toronto, ON*

- Contributed with the professor in preparing the academic plans for more personal and meaningful learning experiences.
- Communicated regularly with students to provide guidance for students on assignments and study materials.
- Resolved student questions or issues quickly with a helpful and empathetic approach via office hour.

### York University

*Peer Mentor*

**September 2022 – Present**

*Toronto, ON*

- Successfully planned and participated in activities with students to build relationships and experiences.
- Provided mentoring services to students while maintaining strict confidentiality of student information.
- Serve as a mentor for academic, co-curricular, and leadership involvement.

## Projects

### Compiler for Measuring the Quality of Testing | *HTML, JavaScript*

**September 2021 – December 2022**

- Designed tokens and rules for input programming language and syntax for input testing language.
- Measured code coverage of some suite of input tests, which are run on some input program.
- Summarized the overall code coverage and visualized it in HTML format.

### Interactive Prototype on Event App | *Java, CSS*

**November 2020**

- Created wireframe and interactive prototype on Event App which allows students to join or create events.
- Learned the basics of User Interfaces and the importance of the Double Diamond of Design in designing the prototype.
- Designed the website using JavaScript, and CSS and earned an A+ for the project.

### YUEssentials | *Java, Figma, JavaFX*

**January 2023**

- The user-friendly website helps new students look for the nearest location for essential on-campus necessities like drinking water, vending machine, and microwaves. It has a built-in interactive map that can be used for detailed directions.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, JavaScript, SQL

**Operating Systems:** Linux, Unix, Windows, macOS

**Technologies/Frameworks:** Linux, Jenkins, GitHub, JUnit, WordPress

**Security Authentication Protocols:** 2FA, Kerberos, NTLM

**Network:** OSI Model, ClearPass, TCP/IP, HTTP, HTTPS, LANs, WANs, DHCP, IPv4, IPv6

**Tools:** MS Office, MS Project, Google Suite, Smartsheet

## Volunteer

### INTI International University

*Peer Tutor*

**March 2018 – May 2020**

- Revised and assisted in assembling lesson plans to administer to students and keep them on track with assignments improved the academic performance of students utilizing the service
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Enhanced student learning by optimizing wide range of innovative classroom activities and instructional approaches.