

# Lia Chin Yee

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## EDUCATION

### SEP 2014 - APR 2019

University of Waterloo  
Bachelor of Computer Science

## AWARDS AND ACHIEVEMENTS

President's Scholarship - awarded for  
having an admission average above 90%

## RELEVANT COURSES

Human-Computer Interaction, User Interfaces, Algorithms, Data Structures and Data Management, Operating Systems, Foundations of Sequential Programs (Compilers), Object-Oriented Programming.

## SKILLS

### LANGUAGES AND FRAMEWORKS

C, C++, Python, Java, HTML, CSS, JavaScript,  
AngularJS, Electron, Racket, Bootstrap

### TOOLS

Adobe Photoshop, Git, Balsamiq, InVision,  
Sketch, Grunt, Bower

## PROJECTS

### PERSONAL WEBSITE - WWW.LIACHINYEE.COM

- Designed a personal blog and website using Adobe Photoshop for creating mockups.
- Used knowledge of HTML, CSS and JavaScript to build the site.
- The website is hosted using AWS and hosts my portfolio and blog-style entries.

### RETURNIFY

- Worked alongside 3 teammates to design and prototype a mobile application that improved the retail return experience.
- Created personas and performed user studies to determine what customers needed from the return process.
- Created wireframes using Balsamiq and later translated these wireframes to mock-ups using Photoshop that were used to create a high-fidelity prototype.
- Translated the mock-ups to a high-fidelity prototype using InVision.

### COMPILER

- Built a compiler for a deterministic context-free programming language using Racket.
- The programming language was parsed using bottom-up parsing.
- The compiler successfully converts the programming language to assembly language.

### RPG GAME

- Designed and built a single player RPG game using OOP in C++.
- The player advances through levels by defeating enemies, collecting potions and obtaining gold.
- The game is mainly text based using ASCII characters to represent items on the screen.

## EXPERIENCE

### THOMSON REUTERS, SOFTWARE DEVELOPER INTERN

MAY 2018 - AUGUST 2018

- Revamped UI, implemented and tested new features for Eikon, which is a customer-facing, cross-platform desktop application built on Electron that is used by 190,000+ financial professionals.
- Used knowledge of HTML, CSS and AngularJS to improve the design and implementation of the notifications, granting users a more enjoyable and more customizable user experience.

### PEOPLEMAP - PEOPLEMAP.CO, SOFTWARE DEVELOPER INTERN

MAY 2017 - AUGUST 2017

- Created wireframes for a customer-facing web application using Sketch.
- Translated those wireframes and built the features of the application using HTML, CSS and JavaScript.
- Used knowledge of HTML, CSS and JavaScript to improve latency of the application, improve functionality on slower internet connections and ensure usability across several screen sizes.

### UNIVERSITY OF WATERLOO WICS, GRAPHIC DESIGNER

JANUARY 2017 - APRIL 2017

- Designed and created promotional content for the Women in Computer Science Undergraduate Committee's monthly events using Photoshop.
- The content was posted on the WICS Facebook page and also posted around the University of Waterloo's campus, attracting 300+ participants.

### THE BRAIN BOX - THEBRAINBOXJA.COM, FREELANCE WEB DEVELOPER

AUGUST 2016 - PRESENT

- Designed, built and maintained a customer facing web application for a company which provides educational services to young children and teachers in Kingston, Jamaica.
- The website was built using HTML, CSS and JavaScript and is hosted using AWS.
- Designed promotional content using Photoshop which are regularly posted to the The Brain Box's instagram account.