

Lia Chin Yee

(226) 978-2649

liachinyyee@gmail.com

www.liachinyyee.com

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.LIACHINYYEE.COM

- Designed a personal blog and website using Adobe Photoshop for creating mockups.
- Used knowledge of HTML, CSS and JavaScript to built 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.