

# ELISHA LAI

WEB DEVELOPER

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## EDUCATION

### Bachelor of Computer Science

University of Waterloo

SEPT 2013 - OCT 2017 (EXPECTED)

## COURSEWORK

Computer Networks  
Distributed Systems  
Human-Computer Interaction  
Operating Systems  
Software Design & Architecture  
User Interfaces

## SKILLS

### Languages

C/C++  
HTML/CSS  
Java  
JavaScript  
Python  
PHP  
SQL

### Frameworks

Flask  
Ncurses  
React Native  
Redux  
Semantic UI  
Swing  
X11

## INTERESTS

Geographic Information Systems  
Languages  
Photography  
Travel

## EXPERIENCE

### Web Assistant

MAY - JUL 2016

#### Mon Sheong Foundation

- Built backend payment services to process online donations in PHP and MySQL using PayPal's Payments API and Chase's Paymentech API
- Revamped the corporate website, improving load speed by 44% and 67% on mobile and desktop devices respectively

### Website Content Assistant

JUL - SEPT 2015

#### Mon Sheong Foundation

- Designed, built and tested three websites to promote the annual charity gala, televised fundraising event and scholarship awards respectively
- Implemented accessibility features for websites to comply with WCAG 2.0, accommodating users with low vision and poor motor skills

## PROJECTS

### Recipezy

JAN - APR 2017

#### JavaScript, React Native, Redux, Spoonacular API

- Created iOS and Android apps to help users discover new recipes based on dietary preferences while using as many ingredients in their inventory as possible
- Released on Google Play Store

### Joules

MAY - JUL 2015

#### Ruby

- Developed an open-source library (gem) which provides simple Physics formulas in kinematics, forces, thermodynamics, waves, and many other areas of Physics
- Downloaded 7955 times on the RubyGems.org website

## AWARDS

### XE API Prize

SEPT 2016

- Awarded for building a hardware hack that best utilised the XE.com API at Hack the North 2016

### St. Jerome's Merit Scholarship

SEPT 2013

- Awarded for attaining an admission average of 85-89.9% for entry into the Honours Computer Science program

### Euclid Mathematics Contest School Champion

MAY 2013