

3B Computer Science • University of Waterloo c32ng@uwaterloo.ca • claricen.github.io • github.com/claricen

# **WORK EXPERIENCE**

## **Software Developer Intern**

Autodesk Sept - Dec 2016

• Working on the Lagoa team

## **Undergraduate Reseach Assistant**

David R. Cheriton School of Computer Science May - Aug 2016

- Worked in Human-Computer Interaction lab under supervision of Dr. Edith Law
- Co-developed Javascript application for Fitt's Law curiosity experiment

# **Web Application Developer**

Public Health Agency of Canada

Jan - Apr 2016

- Redesigned the SuperPhy web application to improve the application's scalability and maintainability
- Refactored old front-end HTML/Javascript templates to use the Mithril.js framework in Coffeescript to improve browser rendering
- Developed Python scripts to upload and validate gene and genome metadata to a triplestore graph database
- Designed a virulence factor ontology to be integrated with the database

## **Creative Tech Specialist**

Marketing & Strategic Communications, UWaterloo Jan - Apr 2016

• Created responsive HTML email invitations compatible across multiple email clients to reach individuals throughout the university

#### **EXTRAS**

## **Recipient of WiCS GHC 2016 Scholarship**

Women in Computer Science (WiCS) Committee Oct 2016

# **Director of Publicity, Office Manager**

WiCS Undergrad Committee May 2015 - Aug 2016

- In charge of publicizing events, including outreach through social media, designing posters and banners, and sending emails.
- Maintained the office policy and organized office hours

## **Undergrad Research Opportunities Conference Attendee**

David R. Cheriton School of Computer Science Oct 2-4 2015

• Worked with the HCI project group, designed a rapid prototype for a mobile game to increase motivation for users to collect observations on noise pollution for researchers.

# **SKILLS**

## **Industry Experience**

Python • HTML/CSS • Javascript • Coffeescript • SPARQL • triplestore databases • git • bash • Linux • jQuery

#### **Others**

C/C++ • Java • Android • AngularJS • Sass/Less • Bootstrap • Flask

#### Design

Photoshop • Illustrator

### **EDUCATION**

## **Bachelor of Computer Science**

University of Waterloo 2013 - 2018

- Term Dean's Honours List (Fall 2013 - Winter 2015)
- President's Scholarship
- French Certificate

## **PROJECTS**

- Personal website
- Contributing to Women in Computer Science website (git, Pelican)
- Designed mock-ups for an Android application at Hack Western 2

#### INTERESTS

- Machine learning
- Drawing and animation
- UI/UX and intereaction design
- Badminton
- Journaling, blogging
- Playing video games
- Learning new things!