

Clarice Ng

3B Computer Science • University of Waterloo
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WORK EXPERIENCE

Software Developer Intern

Autodesk

Sept - Dec 2016

- On the Lagoa team, working on web applications for cloud-based design and publishing

Undergraduate Research 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 interaction design
- Badminton
- Journaling, blogging
- Playing video games
- Learning new things!