Clarice Ng

3B Computer Science • University of Waterloo
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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!