Clarice Ng

Computer Science • University of Waterloo

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WORK EXPERIENCE

Software Engineering Intern

Zendesk *San Francisco, CA*   *May - Dec 2017*

- On the Agent Experience team working primarily on front-end feature development for Zendesk's flagship Support product
- Implemented integration between the Support and Guide products reducing friction in workflow for agents and users
- Collaborated closely with product designers and managers to define project needs and specifications

Software Developer Intern

Autodesk *Montreal, QC*   *Sept - Dec 2016*

- Contributed to key features for Fusion360 in the browser, one of Autodesk's flagship product's web applications
- Implemented the propagation of data for features between the server and client using object oriented design principles (Javascript, C++)
- Used a custom Javascript widget system to implement UI changes to reflect the Fusion desktop app for a more intuitive user experience

Human-Computer Interaction Undergrad Reseach Assistant

University of Waterloo *Waterloo, ON*   *May - Aug 2016*

- Co-led an experiment on how curiosity affects human attention, speed, and movement coordination with regards to Fitt's Law

Web Application Developer

Public Health Agency of Canada *Lethbridge, AB*   *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

EXTRAS

Math Teaching Assistant

University of Waterloo Math Faculty   *Sept 2014 - Present*

- Tutored students and marked assignments for various math courses including combinatorics, calculus, and linear algebra.

Director of Publicity, Office Manager

Women in Computer Science Committee   *May 2015 - Aug 2016*

- In charge of publicizing events, including outreach through social media, designing posters and banners, and sending emails.
- Received scholarship to for the Grace Hopper Celebration for Women in Computing (2016)

SKILLS

Industry Experience

Javascript • React.js • Python • HTML/CSS • Coffeescript • SPARQL• triplestore databases • git • bash • Linux • C++ • jQuery • node.js

Others

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

Design

Photoshop • Illustrator • Sketch

EDUCATION

Bachelor of Computer Science

University of Waterloo   2013 - 2018

- Term Dean's Honours List (87%+)
- President's Scholarship
- French Certificate

PROJECTS

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

INTERESTS

- Computer graphics, animation
- UI/UX and interaction design
- Artificial Intelligence
- Journaling, blogging
- Badminton
- Running
- Video games

Currently looking for new grad positions for summer 2018!