

KRISTEN KWONG

</> kristenkwong.com

✉ kristenkwong@gmail.com

☎ 778-882-6228

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EDUCATION

University of British Columbia **B.Sc. Computer Science**

2015-present

GPA: 86.2% | **Expected graduation:** 2020

Coursework: Software Construction (Java), Basic Algorithms & Data Structures (C++), Computer Systems (C), Introduction to Artificial Intelligence, Introduction to Databases (SQL)

TECHNICAL SKILLS

Languages: Python | Javascript | Java | Swift | C++ | SQL **Technologies:** Git | HTML/CSS | NodeJS | MongoDB | Express
Applications & Software: IntelliJ; Android Studio; XCode; Adobe Dreamweaver, Photoshop, Illustrator, Premiere, Flash

WORK EXPERIENCE

Apple, Inc., Cupertino, California
Incoming Software Engineering Intern

Starting April 2018

University of British Columbia, Vancouver, Canada
Teaching Assistant

September 2016 - Present

- Prepare and lead weekly lab activities and mini lectures on condensed topics of the introductory course on Computation, Programs, and Programming, with a focus on solidifying concepts taught by professors
- Effectively simplified and communicated computer science concepts, including recursion, functional programming, graphs, abstraction, and search, to students with little to no technical background

Netgear Canada, Richmond, Canada
Software Test Engineer Co-op

January - August 2017

- Proposed and developed an object-oriented automation testing framework for a new product from scratch using [Python](#) on both Windows and Linux operating systems, including modules for AWS Cloud services and hardware components
- Developed a GUI for testing script using Qt designer and built hardware testing tools using [Arduino](#), providing a maintainable and reusable test environment structure for future test procedures
- Integrated Python's [Pandas](#) library to create data sets from testing data for further analysis

VIZ Future, Shanghai, China. <http://www.vizfuture.com/>
Graphic Design and Web Development Intern

May - June 2016

- Designed and implemented a new website for French restaurant chain Ôdelice! using Squarespace, [HTML](#), [CSS](#), and [Javascript](#); the website can be found at <http://www.o-delice.com/>.
- Researched and designed themed merchandise packaging for Yankee Candles using Adobe Photoshop and Illustrator

PROJECTS

checkUp (Personal)

September 2017 - present

- Social networking site with a focus on creating a network of support for the mental well-being of its users, featuring location check-ins and status updates, which are analyzed using IBM Watson's Tone Analyzer to suggest actions to friends
- Built using [NodeJS](#) and [Express](#), with a database built with [MongoDB](#)

ADDITIONAL SKILLS

Leadership Experience: Founded UBC Hacks on campus; Organized Local Hack Day in Dec. 2016 & 2017; Volunteer for GirlSmarts4Tech and Girls Learning Code workshops

Personal Interests: Photography; Illustration; Graphic Design; UI/UX Design; Data Analysis and Visualization