

# KRISTEN KWONG

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## EDUCATION

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

2015-present

- GPA: 86.2% | Expected graduation: 2020
- **Teaching Assistant for CPSC 110** (September - December 2016)
- Software Construction | Basic Algorithms & Data Structures | Computer Systems | Introduction to Artificial Intelligence

## TECHNICAL SKILLS

**Languages:** Python | Javascript | Java | Swift | C++ **Technologies:** Git | HTML/CSS | Bootstrap

**Applications & Software:** IntelliJ; Android Studio; XCode; Adobe Dreamweaver, Photoshop, Illustrator, Premiere, Flash

## WORK EXPERIENCE

**Netgear Canada**, Richmond, Canada

January - August 2017

### Software Test Engineer Co-op

- 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
- Used Python's **Pandas** library to create data sets from testing data for further analysis

**VIZ Future**, Shanghai, China. <http://www.vizfuture.com/>

May - June 2016

### Graphic Design and Web Development Intern

- 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

**Open Extended Jungian Personality Test** (Personal)

August 2017 - present

- iOS app personality test based on the predecessor of the Myers-Briggs Type Indicator test, written with **Swift** in Xcode
- Implemented CoreData to record user responses to 32 questions rated on a scale of 1-5
- Currently working on displaying the user's results using the RadarChart in the Charts library

**SortAI** (Personal - Dubhacks 2016)

October 2016

- Android application that takes pictures of objects and notifies the user of which disposal bin to use (recycling, mixed paper, etc.), written in **Java** and **XML** with Android Studio, created with four other teammates in 24 hours
- Integrated the Clarifai API for image recognition and worked on the front-end user interface

## ADDITIONAL SKILLS

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

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