

# KRISTEN KWONG

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## WORK EXPERIENCE

Apple Inc., Cupertino, California  
Incoming Software Engineering Intern - iOS Programs

Starting April 2018

University of British Columbia, Vancouver, Canada  
Computer Science 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 and presentation

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

May - June 2016

- Worked with clients to design and develop material to establish brand identity, including websites, product packaging, and print media; brands including Ôdelice!, Yankee Candle, and Candy Master

## EDUCATION

University of British Columbia  
Bachelor of Science in Computer Science, 2nd year

September 2015-Present

GPA: 86.2% | Expected graduation: 2020 | Distinctions: Chancellor's Scholar Award (2015), Dean's Honour List (2015)

## TECHNICAL SKILLS

### Languages:

Main: Python, Javascript (Node/Express), Java, C, C++

Secondary: Arduino, Racket, SQL

Technologies: Git, HTML/CSS, Pug/Jade, MongoDB, PostgreSQL

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

## PROJECTS

frienDB: Simple Social Media Networking

January - March 2018

- Designed and implemented database schemas for storing user, post, tag, and comment information with Express/Node.js
- Developed a front-end user interface using Pug templates; Deployed to Heroku with native PostgreSQL database

## ADDITIONAL SKILLS

**Leadership Experience:** Founded UBC Hacks on campus; Organized UBC 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