

KRISTEN KWONG

</> <http://kristenkwong.com>
✉ kristenkwong@gmail.com
🔗 <https://github.com/kristenkwong>

WORK EXPERIENCE

Apple Inc., Cupertino, California **Apr 2018 - Aug 2018**
Software Engineering Intern - Power & Performance

- Designed and developed web application to fetch and visualize test results and metrics using **AngularJS**
- Built RESTful API using **Flask**, with back-end data processing and analysis of data gathered from MongoDB, APIs, and other sources
- Developed automation framework with **Python** to run user-experience scenarios on iOS devices using a Python Objective-C bridge custom class
- Merged framework into a pipeline for automatic trigger upon build releases, improving efficiency of the End-User team through automated bug filing, summarized email reports, and screen captures for review and demo

University of British Columbia, Vancouver, Canada **Sept 2016 - Apr 2018**
Computer Science Teaching Assistant

- Prepare and lead weekly lab activities and mini lectures on condensed topics of the introductory course on Computation, Programs, and Programming
- Effectively simplified and communicated computer science concepts to students with little to no technical background

Netgear, Richmond, Canada **Jan 2017 - Aug 2017**
Software Test Engineer Co-op

- Proposed and developed an object-oriented automation testing framework for an upcoming project using **Python** for Linux and Windows operating systems, including modules for AWS Cloud services and hardware components
- Utilized Python's **Pandas** library to perform data analysis on gathered metrics and results to build detailed reports and presentations
- Built hardware testing tools using **Arduino**, providing a maintainable and reusable test environment structure for future test procedures

PROJECTS

frienDB: Simple Social Media Networking **Feb 2018 - Apr 2018**

- Web application simulating a social media network service
- Designed and implemented database schema for storing user, post, tag, and comment information with **Node.js**
- Developed a frontend user interface using **Pug/Jade** templating
- Deployed application to Heroku with native PostgreSQL database

Day0 **Aug 2017**

- iOS application that uses Microsoft's Emotion API to analyze selfies as a mood diary, displayed as emojis, written in **Swift**

checkUp **Aug 2017**

- Social networking site featuring location check-ins and status updates, which are analyzed using IBM Watson's Tone Analyzer to suggest actions to friends
- Built using **Node.js** and **Express**, with a database built with MongoDB

EDUCATION

University of British Columbia
B.Sc., Major in Computer Science and Software Engineering

GPA: 3.81 / 4.00

Expected graduation: Dec 2019

SKILLS

Languages	Technologies	
Python	HTML	CSS
Javascript	AngularJS	Flask
Java	Node.js	MongoDB
C / C++	SQL	Pandas
Swift	Git	Pug/Jade

INVOLVEMENT

nwHacks 2019; nwPlus 2018-19
Co-Director of Local Hack Day

March 2017 - present

- Organize Local Hack Day logistics with a team of directors, including sponsorship, venue booking, meal arrangements, and design direction
- Assist in organizing nwHacks 2019
- Attend weekly meetings to discuss team updates and todos
- Hire and train logistics coordinator for Local Hack Day and nwHacks

UBC Hacks
Co-Founder, Organizer

October 2016 - March 2017

- Organized UBC Hacks 2016 & 2017
- 12-hour hackathons had turnouts of 200+ students, 20+ sponsors, and 35+ submitted projects
- Designed and produced all marketing materials for print and social media

HOBBIES

Graphic Design, Illustration, UI/UX,
Piano, Violin, Photography, Hiking,
Longboarding, Video Games