



JILLIAN KONG.

WORK EXPERIENCE.

Quality Assurance Engineer Co-op

TIO Networks, Sept 2016 – present

- > Wrote and implemented automated tests as part of continuous integration
- > Used C# to re-factor the functionality of a suite of automated tests to be used in all subsequent regressions before deployments
- > Facilitated the creation of a consolidated suite of test cases to document complex feature behaviour, prepare tests for automation, and guide future testing
- > Currently involved in writing comprehensive introductory documentation for new quality assurance hires
- > Performed manual and automated testing, both exploratory and regressional; used SQL to gather, manipulate and analyze test data

Undergraduate Teaching Assistant – Computer Science

University of British Columbia, Sept 2015 – May 2016

- > Assisted first-time programmers in understanding and applying best practices, problem solving techniques, data structures, and design patterns
- > Led programming labs, gave short lectures, facilitated practice exercises, and evaluated student performance
- > Held office hours to give students one-on-one guidance

PERSONAL PROJECTS.

Portfolio website + web server

December 2014 – present

- > Utilized the JQuery framework to enable responsive web design, including dynamic resizing, cross-browser compatibility, and client-side content changes
- > Implemented multi-column layout using CSS
- > Turned a Raspberry Pi micro-computer into a web server to host webpages and projects
- > jilliankong.com

Vigenère cipher en/decoder

December 2016

- > Simple desktop app to encode and decode messages using a vigenère cipher
- > In progress

Daredevil Android app

October 2015

- > Used the Android API, XML and Java to create a user interface
- > Adhered to Material Design guidelines for an enhanced user experience and intuitive usability
- > Started during a 24-hour hackathon with a small team

TECHNICAL SKILLS.

Languages

- > C#
- > Java
- > SQL
- > C++
- > Racket

Web

- > HTML5
- > CSS3
- > Javascript / JQuery
- > LAMP stack

Environments

- > Visual Studio
- > Eclipse
- > Android Studio
- > VIM

Tools

- > Git, Subversion, TortoiseSVN
- > GDB
- > Ranorex Studio

PROFICIENCIES.

- > **Team oriented.** I've worked on teams in many environments – school, work, clubs, even French horn octets. I know how to communicate effectively to bring people together and make groups stronger.
- > **Quick learner.** Even though I didn't learn to code until my first year of university, I was able to distinguish myself among my peers to be recommended as a TA for new programmers like myself.
- > **Flexible.** Nothing teaches you to roll with the punches like experiencing agile development first-hand.



ACADEMIC PROJECTS.

MeetUp Android app

March – April 2015

- > Utilized the MapQuest and Foursquare APIs to suggest optimal meeting times and places based on users' schedules and locations
- > Used Java to facilitate HTTP requests, create factory patterns to store user and location information, and parse JSON responses from APIs

EDUCATION.

University of British Columbia

September 2014 – present

- > Currently enrolled in 3rd year of Cognitive Systems, BSc
- > Program combines computer science with psychology, linguistics and philosophy to study knowledge and thought in machines and humans

EXTRA-CURRICULARS.

DubHacks

University of Washington, October 2015

- > Had 24 hours to create any project in a small group
- > Started Android app build, 'Daredevil' in a team of three

Webmaster

Rotaract Club of Vancouver-UBC, September 2015 – May 2016

- > Planned and participated in fundraisers and community service initiatives, such as cooking a meal for the residents of the DES
- > Elected Webmaster for the 2015-16 academic year
- > Used Wordpress to completely redesign the club website to be more navigable and current
- > Leveraged SEO techniques to ensure that the site appears above the fold on all relevant Google searches

github.com/jskong

INTERESTS.

- > Types an average of 85 WPM (92 when caffeinated)
- > Sings Alto 2 in the UBC Women's Choir
- > Once performed a somersault on skis
- > Has 10 years of classical ballet training
- > Runs a Dungeons & Dragons campaign
- > Plays the piano and the French horn
- > Enjoys backpacking and reading (not simultaneously)