JILLIAN KONG.

WORK EXPERIENCE.

Automation Engineer Co-op
PayPal Canada, May 2017 – present
- > Wrote and implemented automated tests as part of continuous integration
- > Created and completed a new automated test project from the ground-up using domain knowledge gained while working as a manual QA

Quality Assurance Engineer Co-op
TIO Networks, Sept 2016 – April 2017
- > 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

Excelerate
October 2017
- > Started during a 24-hour education focused hackathon
- > Used Javascript and D3 to create visual analytic tools for students and teachers to evaluate course progress
- > Created UI using CSS (Bootstrap) and HTML

TECHNICAL SKILLS.

Languages
- > C#
- > SQL
- > Java
- > C/C++
- > Racket
- > Prolog

Web
- > HTML5
- > CSS3
- > Javascript / JQuery

Environments
- > Visual Studio
- > Eclipse
- > Atom
- > VIM

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

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.

VP Social / Webmaster
UBC Cognitive Systems Student Society, June 2017 - present
> Initiated the use of HootSuite to manage the club's social media presence in a streamlined, consolidated platform to increase efficiency and consistency
> In progress: website redesign to leverage SEO and organize information in an easy to navigate layout
> Designed graphics to be used in social media events and posts, wrote and designed monthly newsletter

EduHacks
Vancouver, October 2017
> Had 24 hours to create an education-focused project in a small group
> Built web-app, 'Excelerate' in a team of three
> Learned to use the D3 library and completed project in given time

Webmaster / Fundraising Committee
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

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

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)