

# QUINN HOU

A DEVELOPER, CREATOR, SOCIAL ENTREPRENEUR

## WORK EXPERIENCE

### QUALITY ASSURANCE CO-OP, 2016 - 2017 PAYPAL, VANCOUVER

Automated tests from scratch with C# and SQL in Visual Studios and Ranorex by comparing db objects to binded data in .xlsx files; committed code with Tortoise SVN.

Created SSIS and SSRS reports to aid Product Support Team in monitoring errors.

Created SQL and T-SQL scripts to execute tests and debugged through Jira's commit messages, stored procedures, and code in version control.

## TECHNICAL PROJECTS

### WEBSITE FOR BUT NOT BECAUSE, 2017

Won UBC Connect to Community Grant of \$750  
Developed digital platform with HTML, CSS, Adobe Suite to share stories of individuals experiencing homelessness

### FLY AWAY DATABASE, 2016

Created database app that monitors airport operations in Java, with JDBC and MySQL Server

### MIND THE GAP, 2015

Built Android app in Java that navigates London's tube by parsing real time arrivals in XML and JSON from TfL Open Data  
Executed test driven development with JUnit, and implemented classes from a UML class diagram and methods adhering to specifications.

## HACKATHONS

**EDUHACKS:** devpost.com/software/excelerate  
Built a data analytics dashboard to breakdown students' unit-by-unit learning progress

Parsed data from .csv files into interactive Scalable Vector Graphics (SVG) charts using JavaScript, d3.js, HTML, and CSS.

### NWHACKS 2017: opencode.me

Built a web app that makes open source more accessible through automatic environment setup  
Implemented a fully integrated UI with HTML and CSS within the 24 hour deadline.

**HACK UVIC 2017:** devpost.com/software/freeps  
Implemented UI with Android Studio Layout Editor and XML to post and find freebies.

**NWHACKS 2016:** out-of-my-mind.herokuapp.com  
Used data visualization to improve UX between chats with HTML and CSS

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## TECHNICAL SKILLS

### PROGRAMMING

Java, C#, C++, Javascript, d3.js, HTML, CSS, XML

### DATABASE

SQL, T-SQL, Datalog, SSIS, SSRS, MS Access

### TESTING

JUnit, Functional, Regression Testing

### Tools and Frameworks

Git, Tortoise SVN VS, Ranorex, IntelliJ, JAMS

## ADDITIONAL WORK EXPERIENCE

### TAEKWONDO INSTRUCTOR, 2013 - present

THIRD EYE MARTIAL ARTS, VANCOUVER  
Achieved a 300% student increase by teaching taekwondo techniques to all levels and ages

### CAMP COUNSELLOR, 2016

ENGLISH ADVENTURE, JAPAN  
Guided 50 bicultural campers of Japanese and American descent in English proficiency.

### ORIENTATION LEADER, 2015

UBC JUMP START, VANCOUVER  
Facilitated a two-week transition program for 25 incoming international students

## COMMUNITY INVOLVEMENT

### COURSE FACILITATOR, 2017

SAUDER SOCIAL ENTREPRENEURSHIP, KENYA  
Facilitated four-week entrepreneurship course for 30 startup owners in the world's largest urban slum, Kibera

### PUBLICATION DIRECTOR, 2015 - present

NTGx Social Enterprise, VANCOUVER  
Led a team of five to design and market all promotional material for the student-run exchange program

### TAX SPECIALIST, 2015

TAX ASSISTANT CLINIC FOR STUDENTS, VANCOUVER  
Guided low-income individuals to file taxes via UFile

## EDUCATION

2014 - 2019

### Bcom (Business & Computer Science)

University of British Columbia

## ACHIEVEMENTS

Winner, **UBC Connected to Community Grant**, 2017

Semi-finalist, **Pacific Venture Capitalist**

**Competition**, 2015

Silver, **BC Taekwondo Provincials**, 2015