

QUINN HOU

A DEVELOPER, CREATOR, SOCIAL ENTREPRENEUR

WORK EXPERIENCE

SOFTWARE DEVELOPER | RESEARCH ASSISTANT ASD & VIRTUAL REALITY LAB, UBC, oct 2017 - present

Developing web app to evaluate outcome of virtual reality training for Autism with Javascript, JQuery, HTML, CSS, and Google Sheets API.

QUALITY ASSURANCE INTERN

PAYPAL, VANCOUVER, sep 2016 - apr 2017

Automated a complete test suite from scratch in C#, SQL, and Visual Studios to compare customer payments.

Implemented SQL Server's SSIS and SSRS reports to aid Product Support Team in monitoring errors.

Developed SQL and T-SQL scripts to test and debug using Tortoise SVN and Jira's commit errors.

SOFTWARE PROJECTS

WEB APP: BUTNOTBECAUSE.COM, 2017

Won UBC Connect to Community Grant of \$750.

Developed web app with JavaScript, HTML, CSS, and Adobe Creative Suite to share stories of homelessness.

SQL DATABASE: FLY AWAY, 2016

Created database app in Java from scratch that monitors airport operations with JDBC and MySQL.

ANDROID APP: MIND THE GAP, 2015

Built Android app in Java navigating London's tube with real time arrivals in JSON from TfL Open API.

Utilized OO patterns and tested with JUnit testing.

HACKATHONS

NWHACKS 2018: bitly.com/glowupex

Developed a chrome extension that analyzes emotions with Microsoft Azure Emotion API and returns remedy.

Connected RESTful APIs (Jokes API, Giphy API) and built frontend with Javascript, JQuery, HTML, and CSS.

EDUHACKS 2017: devpost.com/software/excelerate

Developed a web-based data analytics dashboard to breakdown students' unit-learning progress.

Parsed data from .csv files into interactive SVG charts using JavaScript, d3.js, HTML, and CSS.

NWHACKS 2017: opencode.me

Engineered frontend with HTML and CSS for a web app that auto sets up development environment.

HACK UVIC 2017: devpost.com/software/freeps

Worked with XML and Android Studio Layout Editor to develop UI for Android app to post and find freebies.

NWHACKS 2016: out-of-my-mind.herokuapp.com

Used data visualization (HTML and CSS) to improve UX for a web chat app for users with depression.

qhou.github.io

github.com/qhou

linkedin.com/in/quinn.hou

queiyun.hou@gmail.com

778-869-8516

TECHNICAL SKILLS

* currently acquiring

PROGRAMMING

Java, C#, C++, Javascript, Node.js*, JQuery, HTML, CSS

DATABASE

SQL, JSON, MongoDB*, T-SQL, Datalog, MS Access

TESTING

JUnit, GDB, Ranorex Testing Framework, Regression Testing

TOOLS

Git, Tortoise SVN, REST, OOD, TTD, Visual Studios, JIRA

ADDITIONAL WORK EXPERIENCE

TAEKWONDO INSTRUCTOR, apr 2013 - present

THIRD EYE MARTIAL ARTS, VANCOUVER

Achieved a 300% student increase by teaching taekwondo techniques to all levels and ages.

CAMP COUNSELLOR, jun - aug 2016

ENGLISH ADVENTURE, JAPAN

Guided 50+ bicultural campers of Japanese and American descent in English proficiency and independent living.

ORIENTATION LEADER, jun - aug 2015

UBC JUMP START, VANCOUVER

Facilitated a two-week transition program for 25 incoming international students.

COMMUNITY INVOLVEMENT

COURSE FACILITATOR, jan - jun 2017

SAUDER SOCIAL ENTREPRENEURSHIP, KENYA

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

FOUNDER, sep 2016 - sep 2017

BUT NOT BECAUSE, INDEPENDENT INITIATIVE

Held a 7-day photography exhibition of homelessness at UBC, while planning all logistics, financial support, and publicity.

TAX SPECIALIST, feb - apr 2015

TAX ASSISTANT CLINIC FOR STUDENTS, VANCOUVER

Guided 30+ low-income individuals to file taxes via UFile.

EDUCATION

2014 - 2019

Computer Science and Business, Bcom

University of British Columbia

ACHIEVEMENTS

Grant Receiver, Sauder ExConference Grant, 2017

Winner, UBC Connected to Community Grant, 2017

Semi-finalist, Pacific Venture Capitalist Competition, 2015

Silver, BC Taekwondo Provincials, 2015