

QUINN HOU

A DEVELOPER, CREATOR, SOCIAL ENTREPRENEUR

WORK EXPERIENCE

SOFTWARE DEVELOPER IN TEST, INTERN

PAYPAL, VANCOUVER, sep 2016 - apr 2017

Automated test suites from scratch with C# and SQL by comparing db objects to binded data in .xlsx.

Implemented 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.

RESEARCH ASSISTANT, ASD AND VIRTUAL REALITY LAB

FACULTY OF MEDICINE, UBC, oct 2017 - present

Developing interactive app from scratch to evaluate training and to store results into a database based on reaction time and accuracy to stimuli.

PERSONAL PROJECTS

WEB APP: BUTNOTBECAUSE.COM, 2017

Won UBC Connect to Community Grant of \$750.

Developed digital platform with HTML, CSS, Adobe Creative Suite to share stories of homelessness.

WEB: CHANUKENINURSERY.WORDPRESS.COM, 2017

Fully developed Wordpress website, brand identity, copy and media for underserved school in Kenya.

SQL DATABASE: FLY AWAY, 2016

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

ANDROID APP: 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.

Utilized Object Oriented Design patterns (OOD) and executed test driven development (TDD) with JUnit.

HACKATHONS

EDUHACKS 2017: devpost.com/software/excelerate

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

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

NWHACKS 2017: opencode.me

Created a web app that auto sets up environment.

Implemented a complete UI with HTML and CSS.

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

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TECHNICAL SKILLS

PROGRAMMING

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

DATABASE

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

TESTING

JUnit, Ranorex Framework, Functional/Regression Testing

TOOLS

Git, Tortoise SVN, OOD, TTD, Visual Studios, Ranorex, JAMS

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.

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

PUBLICATION DIRECTOR, nov 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, feb - apr 2015

TAX ASSISTANT CLINIC FOR STUDENTS, VANCOUVER

Guided 30+ 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, PVCC Venture Capitalist Competition, 2015

Silver, BC Taekwondo Provincials, 2015