QUINN HOU

A DEVELOPER, CREATOR, SOCIAL ENTREPRENEUR

qhou.github.io
linkedin.com/in/quinn.hou
queiyun.hou@gmail.com
+1 778-869-8516

WORK EXPERIENCE

QUALITY ASSURANCE CO-OP
PAYPAL, VANCOUVER, sep 2016 - apr 2017

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

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

Developed SQL and T-SQL scripts to execute tests, and debugged using code in Tortoise SVN, Jira's commit errors, and stored procedures.

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.

WEBSITE: CHANUKENI NURSERY, 2017
chanukeninursery.wordpress.com
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 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 (HTML and CSS) to improve UX for a web chat app for users with depression.

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, IntelliJ, 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