

## PORTFOLIO

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## MOBILE

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# Rick Huang

I am an experienced software developer specializing in Java/Kotlin/Android/JavaScript/ Web development with 10+ years of industry experience. I also received my Master's degree in Human-Computer Interaction and Design from the University of Washington in 2015. With the interdisciplinary background, I am always passionate about designing user-centered applications that are enjoyable and easy-to-use.

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## WORK EXPERIENCE

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### Senior Android Developer CrowdCompass by Cvent

Portland, OR

Jan. 2016 - May. 2020

Implemented **Dynamic Event Guide** feature to provide flexible content arrangement according to event timeline on AttendeeHub **Android** client.

Built **localization** framework that centralizes string resource and generates platform-specific string files for CrowdCompass Directory client.

Implemented unit testing automation workflow to check code coverage and deploy code using **Jenkins** for CrowdCompass Directory **Android** client.

### Android Developer IBM Collaboration Solutions

Taiwan

Dec. 2012 - Jul. 2014

Developed **Text chatting, A/V conferencing, and Contact manager** features for IBM Sametime **Android** client, which is installed on hundreds of thousands of Android devices.

Implemented **UI testing automation** framework using **Espresso** Framework for IBM Connections **Android** client.

### Software Engineer IBM Lab Based Services

Taiwan

Feb. 2007 - Nov. 2012

Designed and implemented mobile application to record and monitor personal bio-data using **PhoneGap** and **jQuery Mobile** on iOS and Android platform.

Designed and implemented online sign-language interpretation service for hearing impaired people to communicate with hearing people using **Java, Struts, and jQuery**.

Implemented front-end and back-end components of online itinerary planning service using **Java, Struts, Hibernate** and YUI library.

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## ACHIEVEMENTS

### Patents

June-Ray Lin, Christina Chung, **Rick Huang**, Ya-Fan Yeh, Xinxin Zhu, "Lifestyle Progression Models for Use in Preventative Care", US Patent 20140188507 A1

Hung-Yang Chang, Chia-Fang Chung, Pei-Yun Sabrina Hsueh, **Tsung-Chi Huang**, Liangzhao Zeng, "Health Management Application Development and Deployment Framework", US Patent 20120046966 A1

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## SKILLS

### Programming

Android, Java, Kotlin, SQL, JavaScript

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## EDUCATION

### University of Washington, WA

Master of Human-Computer Interaction + Design (Aug 2015)

### Chung Yuan Christian University, Taiwan

Master of Science in Electronic Engineering (Jun 2005)