

## PORTFOLIO

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## MOBILE

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# Rick Huang

I am an experienced software developer specializing in **Java/Android/JavaScript/Web** development with **9+ 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.

## WORK EXPERIENCE

### Android Developer

CrowdCompass by Cvent

Portland, OR

Jan. 2016 - Present

Develop new features and maintain existing event and social features for CrowdCompass Directory **Android** client.

Implement unit testing automation workflow using **Jenkins, Robolectric**, and **Mockito** 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 API** for IBM Connections **Android** client.

### Software Engineer

IBM Research Collaboratory

Taiwan

Feb. 2009 - 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**.

### Software Engineer

IBM Lab Based Services

Taiwan

Feb. 2007 - Jan. 2009

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

Implemented widget store providing development platform using **Java, Hibernate**, and **jQuery** for leading telecom company in Taiwan.

## 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

### Awards

IBM First Patent Application Invention Achievement Award, 2010

IBM Award of Distinction, 2009

WebAward Travel Standard of Excellence, iMove, 2008

9th Click! Awards Silver Medal, iMove, 2008

## SKILLS

### Programming

Android, Java, SQL, JavaScript, CSS, HTML

### Prototyping

Axure, InVision, Balsamiq

## 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)