# KAIJIE HUANG (KJ)

Front end UX Designer & Developer

Website: **kjhuang.com**
Tel:      (+1) 404-825-0630
Email:   hkjpotato@gmail.com

## Education

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| **Georgia Institute of Technology** (GPA 3.86/4.0) <br> • Master in Human-Computer Interaction(HCI) <br> • Coursework: Mobile Apps and Services/Data Structure and Algorithm/Interface Prototyping /Human-Computer Interaction/Database/Information Visualization/Psychology Research Method | 2014.08-Present |
| **The University of Hong Kong**   (GPA 3.81/4.3) <br> • Bachelor of Engineering (Civil Engineering) <br> • Dean's Honor List <br> • Undergraduate Research Fellowship Programme Research Internship Awards | 2011.09-2013.12 |
| **Exchange student at the University of California, Davis** (GPA 4.0/4.0) <br> • Dean's Honor List | 2012.09-2013.01 |
| **Sun Yat-Sen University(SYSU), Guangzhou** (GPA 3.7) <br> • Second Class Scholarship (composite score ranks 2 out of 29) <br> • Candidate for National Scholarship, SYSU, 2010-2011 | 2009.09-2011.06 |

## Research and Working Experience

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| **Graduate Research Assistant at Multimedia & Sensor Lab(Advisor: Ghassan AlRegib)** <br> • Currently working at **Ford**® Remote Repositioning project (Driverless Car), in charge of developing the front end for the *WebRTC* application using *Angular.js & OpenTok.js*. | 2015.05-Present |
| **Summer Trainee at AECOM Hong Kong ( Project/Construction Management )** <br> • Government project on Hong Kong Future Railway Development. <br> • Coordinated 2 colleagues to collect 300+ public comments from the public engagement including public forums, websites and telephone callings. <br> • Results from the analysis were visualized and integrated to the weekly & monthly reports to the client and highly cited in final presentations. | 2012.05-2012.07 |

## Projects

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| **Georgia Restaurant Health Inspection System Database** <br> • *Full Stack Developer*. Used Angular.js to build front end and PHP & MySQL to build back end. <br> •  Used CSS3 animation to enhance front end user experience. | 2015.05-2015.08 |
| **Android Developer of "Fresh" (Course Project)** <br> • Transform the original IOS design into Android design based on Material Design Guidelines. <br> • *Java* development, use object-oriented approach to simplify the original code. Implement key functions such as sorting function of the food item (using Comparator and Queue) <br> • Screen record: https://youtu.be/AL8R81JsJeU | 2015.01-2015.04 |
| **Accessible Fantasy Football Draft (Undergoing Project at GT Sonification Lab)** <br> • The project is a web-based system developed for visually impaired users. <br> • Study the characteristics of auditory displays, focusing on information which has complex patterns, changes in time, includes warnings, or call for immediate action. <br> • Use JavaFX to develop the Sonification Test Interface | 2015.01-Present |
| **"Kung Pao Curry" Digital Menu-Mobile Application (Course Project)** <br> • Teamed up with 2 programmers, 1 industrial designer to work on the project aiming at helping international students order food in foreigner restaurants. <br> • Conducted user study on 20 target users, including developing personas, task analysis and contextual inquiry. <br> • Came up with 2 alternative designs based on the study. The designs were later integrated into the group's final product. <br> • Conducted evaluation with 7 expert users through **cognitive walkthrough**, **heuristic evaluation**, **benchmark tasks analysis**, and questionnaires <br> • The project was honorable mentioned in the Convergence Innovation Competition Fall 2014 | 2014.08-2014.12 |

## Skills

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| **Languages skills** | English, Cantonese, Mandarin |
| **Computer skills** | **Angular.js**, OpenTok.js, **Bootstrap**, D3.js, **CSS3**, **Java**, Android Development, PHP, **MySQL** |
| **Design skills** | **Keynote Prototype**, Axure, Balsamiq, Adobe Photoshop/Illustrator |