Jesse Hsiu

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EDUCATION

- **National Taiwan University**   **M.S.** (Sep'14 – Jun'16)
  - ‣ Dept. Computer Science and Information Engineering
- **National Taipei University**   **B.A.** (Sep'10 – Jun'14)
  - ‣ Dept. Computer Science and Information Engineering
  - ‣ Graduated 1st in department
- **Taipei Municipal Daan Vocational High School** (Sep'07 – Jun'10)
  - ‣ Dept. Computer Technique
  - ‣ Graduated 2nd in department

EXPERIENCES

- **iOS Application Developer** (Internship), Yahoo!   **Jul'16 – Aug'16**
  - ‣ Enhance and develop e-commerce application.
- **iOS Application Developer** (Internship), Tickle Inc.   **May'15 – Jul'15**
  - ‣ Develop Tickle iOS application, an app adopting scratch interface on iPad/iPhone to wirelessly control multiple connected toys or smart home devices by program blocks.
  - ‣ Integrated external APIs into App including Sphero, Ollie, and Dash&Dot.

AWARDS

- **3rd Prize & Best Popularity Award, SensingNail**
  - ‣ National Taiwan University Innovation Competitions, 2016
- **Excellent Work, SensingNail**
  - ‣ MediaTek Wearable device into IoT competition, 2015
- **2nd Prize, EyeWatch**
  - ‣ MobileHero – User Experience Design Competition, 2014
- **Final Shortlist, EyeWrist**
  - ‣ MediaTek Wearable device into IoT competition, 2014

PUBLICATIONS

- **Nail+: Sensing Fingernail Deformation to Detect Finger Force Touch Interactions on Rigid Surfaces**
  - ‣ ACM MobileHCI '16, Short Paper
- **TouchRing: subtle and always-available input using a multi-touch ring**

▸ ACM MobileHCI '16, Poster

- **ForceBoard: Using Force as Input Technique on Size-Limited Soft Keyboard**
  ▸ ACM MobileHCI '16, Demo Track

- **Giggler: An Intuitive, Real-Time Integrated Wireless In-Ear Monitoring and Personal Mixing System using Mobile Devices**
  ▸ ACM MM '15, Short Paper

- **PalmGesture: Using Palms as Gesture Interfaces for Eyes-free Input**
  ▸ ACM MobileHCI '15, Full Paper

- **PalmType: Using Palms as Keyboards for Smart Glasses**
  ▸ ACM MobileHCI '15, Full Paper

SKILLS

- **Languages:**
  ▸ Objective-C, Swift, Python, JavaScript, Java, C#, C++, C, PHP, MySQL

- **Tools:**
  ▸ Xcode, Node.js, Express.js, Meteor.js, Phonegap, Unity3D, Arduino, Processing, MongoDB, OpenCV, CadSoft Eagle