Huai-Chun Shih .Daniel

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Education

- Boston University - Computer Science MS - GPA 3.62/4.0   Graduate date: May. 10 2017
- National Taiwan University - Biology BS (graduated)   U.S permanent resident

Skills

- Languages: Java C++ C# JavaScript Python html SCSS CSS SQL English Mandarin
- Applications: Meteor.js, Node.js, MongoDB, Geocoding API, Facebook API, jQuery, AWS S3, D3.js, OpenCV,
  React.js, Angular.js, Bootstrap, materialize, 3D modeling, Visual Studio, Eclipse, Intellij, Android Studio, Git.
- Fields: Web development, App development, Data structure, Algorithm, Database, Project management,
  Android, Graphic Design, Responsive website, 3D modeling, Front-end, Back-end, Computer Vision.

Projects   all available on my website http://denly.github.io/ or Github https://github.com/Denly

- GestureDetect - Detect hand motion and recognize gestures   Feb 2016
  OpenCV3.1, C++, Object recognition, Camera and Video operation , etc.
  Github

- WebPhone - A web app that can call any phone and be called by any phone.   Oct 2015
  Node.js, Twilio, JavaScript, Audio operations, html, CSS .etc
  Github

- Neuronal Network - 3 Layer Neuronal Network made in BU's A.I. course.   Mar 2016
  Python, numpy.
  Github   Demo

- TOEFL penguin - My first simple Android App for English exam. 5000 users, 4 stars.   Dec 2013
  Java, Android App, Audio operations, etc.
  Github   Demo

Publication and Honors

- Mobile-HCI 2015 - Jimmy Ho, Reinhard, **Shih Huai-Chun**, Prof. Mike Chen "EyeProtector: Maintaining a Healthy
  Viewing Distance" - We built an app and a researching method that detect user's viewing distance, warn users to
  keep safe distance, analyzes user behaviors.
  IOS app development, HCI, Face detection, VICON motion capture, Statistics, etc.
  Demo: http://dl.acm.org/citation.cfm?id=2785836
- NTU-Hackathon – DOIT innovational prize for X-bike. **(team project)**   May 2014 at NTU
  A novel bike renting System that won the biggest Hackathon in Taiwan.
  mobile-NFC (Near field communication), 3D Printing, Google Maps Geocoding, Android, Meteor.js, etc.

Working Experience   can work legally in America and Taiwan

- Zomida web development intern at Harvard Innovation center   Aug- Sep 2015
  Providing consulting and modifying their website, that connecting cookers and foodies to sell home made food.
- Web Developer and Assistant in Dep. of Life Science, National Taiwan University   Feb - Jun 2014
  I built a website for the lab, drew biological illustrations for lectures, and took care of a lot of fruit flies.

Interests and Extracurricular activities

- Art and illustration - a vice-president and a web manager at NTU Art Club
  Art Portfolio Demo: http://denlyshih.tumblr.com/illustrations
- Volunteer - teaching children in small rural towns for through NTU Sun Flower Club.