:Davin Shih

🖥 http://denly.github.io/   📞 626 410 5848   ✉ daniel.shih9@gmail.com

Education

- Boston University - Computer Science MS GPA 3.65/4.0   graduating at Dec. 2016
- National Taiwan University - (graduated)   U.S permanent resident and Taiwan citizen

Skills

- **Fields:**   Full-stack web & mobile app development, Software Engineering, Machine Learning, HCI,

  Test, Data Analysis, System Design, Graphic Design, Com. Vision & Graphics, Project Manage.

- **Languages:** Java C++ C# Python JavaScript Ruby SQL html SCSS English Mandarin
- **Application:** Git, Node.js, Meteor.js, Android, Ruby on Rails, MongoDB, MySQL, React.js, Angular.js,

  AWS, Linux, OS X, X Code, OpenCV, etc.

Projects   More projects on my website

- **Machine Learning - Classification, Regression, Cluster, for Handwriting, House Price etc.**   July 2016

  Using KNN, Random Forest, K means, Neuron Network, etc on various dataset.   Github   Demo
  Python, Scikit Learning, numpy.

- **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

- **TOEFL penguin - My first simple Android App for English exam. 5000 users, 4 stars.**   Dec 2013

  Java, Android App, Audio operations, etc.   Github   Demo

Working Experience   Can work in US and Taiwan legally

- **Zomida - Software Engineer intern - a startup in Harvard Innovation center**   Aug - Sep 2015

  Provided consulting and adjusted their front-end, that connecting cookers and foodies to sell home made food.
- **CoachUP - Software Engineer intern - a mid-size company built by BU, MIT alumnus**   May - Jul 2016

  I built enterprises level tools for admins, follow MVC principles, by Ruby on Rail, Javascript, React.

Publication and Honors

- **Mobile-HCI 2015 - Jimmy Ho, Shih Huai-Chun, Prof. Mike Chen "EyeProtector: 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, motion capture, statistics.
  http://dl.acm.org/citation.cfm?id=2785836   **2014 at NTU**

- **NTU-Hackathon – DOIT innovational prize for X-bike.**   **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.

Interests and Extracurricular activities

- Volunteer - teaching children in small rural towns through NTU Sun Flower Club for 2 years.   2013-15 at NTU
- UX Design and painting