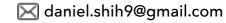
# :Davin Shih





#### Education

 Boston University - Computer Science MS GPA 3.65/4.0 graduating at Jan. 2017

U.S permanent resident and Taiwan citizen

· National Taiwan University - (graduated)

## Skills

• Fields: Full-stack web & mobile app development, Software Engineering, HCI, Machine Learning, Com. Vision & Graphics, Project Manage, Test, Data Analysis, System Design, Front-end.

- · 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.

• MeetCute - A cross-platform app to message in realtime, browse and edit profiles. Oct 2016 Meteor.js, Node.js, React.js, JavaScript, html, CSS .etc Github Demo

 Aquarium - Implemented animation, collision detection, chasing, group behavior. etc. Nov 2016 OpenGL, Java, Phong, Gouraud rendering, spect, diffuse, ambient light, etc. Github Demo

 Blade Tracker - a computer vision alg. to track the helicopter, help business workflow. **Dec 2016** OpenCV, C++, Background subtraction, Optical flow, 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/UI Design and painting. Check out my portfolio on my website.