



Education

- Boston University - Computer Science MS GPA 3.65/4.0 graduating at Jan. 2017
- National Taiwan University - (graduated) U.S permanent resident and Taiwan citizen

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 cooks 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.