

Yaliang Wang

925 Dempster Apt. 2W
Evanston, IL, 60201
United States

Phone: 1 (224) 420 - 2689
Email: yaliangwang2015@u.northwestern.edu
Website: <http://career.yaliang-wang.tk>

Education

M.S. Computer Science, Northwestern University. 3.67/4.00. *2014 - present*
B.E. Automation(Control), Zhejiang University. 3.67/4.00 *2009 - 2013*

Skills

- Python, C++, Javascript, PHP, MATLAB, Latex, Linux, Academic Writing.

Projects

Product Manager & Developer, Social Networking Application. *December, 2014 - present*

- Building a Hybrid App driven on HTML5, jQuery, NodeJS, PhoneGap™ Build, Parse.com & Heroku.com.

Algorithm Designer & Coder, Recommendation System in Streaming Music Service. *April, 2015 - present*

- Developing a K-nearest-neighbor based artist recommender. Python is used for this project.
- Based on the listen history of the users and the tags information of the artist on Last.fm, the recommender predicts the most favorite on a testing user.

Algorithm Implementor, Handwritten Digit Recognition, [Github](#), [Video\(3 mins\)](#). *December, 2014 - March, 2015*

- Developed and implemented 2-Layer Neural Network with 1000 hidden neurons.
- Final achieved accuracy: 96.73 % on the MNIST Dataset.

Main contributor, Shh...note, an anonymous text app. [Github](#), [Live Demo](#). *October, 2014 - December, 2014*

- Developed the front-end based on HTML5, CSS3, jQuery & jQuery Mobile and the back-end on PHP, PostgreSQL & Google Voice Text API hosted by Heroku.com.
- Agile development methodology is practiced in this project.

Individual, Balance Maintenance for Humanoid Robots Subjected to External Disturbance. [Publications](#), [Video\(1 min\)](#). *December, 2012 - June, 2014*

- First author of the paper published at ICRA 2014, top 1 international conference in robotics.

Awards

Best Student Application Paper Award, IFAC ICONS 2013, 2013.

Zhejiang University 2013 Session Excellent Bachelor Thesis Award, Zhejiang University, 2013.

Exchange Experience

Vancouver Summer Business Program, SAUDER School of Business, The University of British Columbia, *July, 2012 - August, 2012.*