

Yicheng Luo

Curriculum Vitae

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Education

National Junior College, Singapore, 2014-2015

Anderson Secondary School, Singapore, 2012-2013.

Jiaxiang Foreign Languages School attached to Chengdu No.7 Middle School, Chengdu, 2008-2011

Employment

President, Chinese Language, Drama and Debate Society (国初华会), National Junior College, 2014--2015

Technial Assistant, Microsoft, Chengdu, December 2013

Awards

Bronze medal in the Singapore Science and Engineering Fair, 2015.

Certificate of Accomplishment in the Singapore Youth Festival (Chinese Drama), 2015

Gold with Honor in the Singapore Youth Festival (Choir), 2013.

Certificate of Distinction in the Australian Mathematics Competition, 2012.

Second placing in the National Olympiad in Informatics Provincial (NOIP), 2011.

Skills

Technical skills

Basic knowledge

Final Cut Pro X, Adobe Premiere, Adobe Photoshop, WordPress

Java, C, C++, Matlab, R

Ruby on Rails, Node.js, React, Express

Intermediate knowledge

Python, Flask web framework, Git, HTML&CSS, Javascript, \LaTeX

Statistical Machine Learning

Computer Software & Hardware Support

Organization & Communication skills

Poster presentation on the STAR Symposium and the Singapore Science and Engineering Fair.

Organizer in major college events such as the Chinese New Year Concert, National Xiangsheng competition and etc..

Initiation of projects such as our book donation project, "Book for Love".

Training of junior to take over the Airwave@NJC development

Projects

Adversarial Synergy Graph

Fulfillment for the NJC-STAR* research program.

The Synergy Graph is a system for representing, modelling and predicting multi-agent co-ordination tasks, I was involved for extending the Adversarial Synergy Graph to analyze human basketball team behavior.

Airwave@NJC

A platform for online magazine publication workflow used by our school science and technology society. It will be used by other Singapore South Zone Cluster Schools in 2016. ([link to website here](#))

I proposed using Flask as the back-end framework and improved front-end architecture and modularization for better automation and interactivity.

Yechuan (叶串)

Annual Chinese drama performance in NJC.

I am the primary organizer and lead actor in both 2014 and 2015.

Book for Love

Our book donation project to the West Street Special Need School (成都市新都区特殊教育学校).

I initiated the project with my friends and we raised over 500 books for the mentally challenged students.

Publications

Proceedings

Adversarial Synergy Graph Model for Predicting Game Outcomes in Human Basketball, Proceedings of the AAMAS 2015 Workshop on Adaptive and Learning Agents (ALA 2015) (with Somchaya Liemhetcharat, May 2015).

Applying the Synergy Graph Model to Human Basketball, Proceedings of the 14th International Conference on Autonomous Agents and Multiagent Systems (with Somchaya Liemhetcharat), May 2015.