

# Tianyao MA

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Shanghai, P.R. China | 19 April 1993  
ADDRESS: Room 1605, No.6, Lane 1050, Zhang Yang Road,  
Pudong District, Shanghai, P.R. China  
PHONE: +86 134 82737698  
EMAIL: [mrlonelyjtr@icloud.com](mailto:mrlonelyjtr@icloud.com)  
LINKEDIN PROFILE LINK: [www.linkedin.com/in/mrlonelyjtr](http://www.linkedin.com/in/mrlonelyjtr)  
GITHUB LINK: <https://github.com/mrlonelyjtr>

## EDUCATION

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SEP. 2015 -Current	<b>Master Degree in SCHOOL of SOFTWARE ENGINEERING</b> <b>Tongji University</b> , Shanghai, China <i>Major:</i> - Computer Vision: Image Caption, Image Segmentation etc. - Deep Learning from CS231n and CS224d - Machine Learning from CS229 and Coursera GPA: 87.5/100
SEP. 2011 -JUN. 2015	<b>Bachelor Degree in SCHOOL of SOFTWARE ENGINEERING</b> <b>Tongji University</b> , Shanghai, China <i>Thesis:</i> "Fast Collision Detection Algorithm for Home Design System" GPA: 4.1/5
JAN. 2014 -JUN. 2014	<b>Exchange Semester at DEPARTMENT of INFORMATION TECHNOLOGY</b> <b>Uppsala University</b> , Uppsala, Sweden <i>Major:</i> - Computer Architecture - Secure Computer System: SQL Injection etc.

## WORK EXPERIENCE

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OCT. 2014 -FEB. 2015	<b>Programmer Intern at Department of System Engineering</b> <b>eBay</b> , Shanghai, China <i>Montage</i> - Performed test cases using TestNG - Performed test automation for web applications using Selenium - Automated testing tasks on Jenkins <i>ODB vs. CMS</i> - Compared data fetched from Oracle and Cassandra using Spring JdbcTemplate and ConcurrentHashMap - Calculated accuracy and exported reports to Excel
JUL. 2014 -SEP. 2014	<b>Programmer Intern at Qi Yuan Studio</b> <b>SNDA</b> , Shanghai, China <i>Dungeon Striker</i> - Developed shop module of mobile game using NGUI as front-end and C# as back-end

## PROJECTS

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DEC. 2014 -Current	Online 3D Home Design System Based on Virtual-Real Fusion - Realized an algorithm based on Quadtree to improve the efficiency of collision detection - Explored a algorithm based on deep learning to improve accuracy and richness of information from image
JUL. 2013 -AUG. 2013	Supermarket Management System - Developed personnel & salary module using C# as back-end and SQL Server as database
MAR. 2013 -JUN. 2013	Airline Management System <i>MVC framework</i> - Developed fleet module using JSP as front-end, JAVA as back-end and MySQL as database

## SCHOLARSHIPS AND CERTIFICATES

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JUN. 2016	The Scholarship for Outstanding Grad Student Leaders of Tongji University
JUN. 2014	The Third Prize Scholarship of Tongji University
JUN. 2012	The Scholarship for Social Activity of Tongji University
AUG. 2013	IELTS®: 6.5   Listening 7.5 & Reading 7
JUN. 2013	CET-6®: 569   Listening 205 & Reading 202
MAR. 2012	THE INTERMEDIATE INTERPRETATION®

## ACTIVITIES

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SEP. 2015 -SEP. 2016	Member of Graduate Student Union at SSE, Tongji University - Organized some events to enrich grad students' daily life
JUL. 2012 -JUL. 2013	Partner of foreign exchange students - Helped foreign students know more about China ASAP

## TECHNICAL SKILLS

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LANGUAGE:	Java, C#, Python, Lua, Javascript, Html, CSS, XML, JSON, UML
SYSTEM:	Windows, Ubuntu, Mac
IDE:	Eclipse, Visual Studio, Netbeans, Pycharm, Matlab, Unity3D
DATABASE:	MySQL, SQL Server
TOOL:	Git, Jenkins, JIRA
FRAMEWORK:	Maven, Log4j, Spring JDBC, TestNG, Selenium, NGUI, OpenCV, Tensorflow, Torch

## LANGUAGES

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CHINESE:	Native
ENGLISH:	Fluent
JAPANESE:	Elementary

## INTERESTS

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Technology, Programming  
Crime Fiction, Worldwide Culture  
Sports, Music, Movie