Tianyao Ma

Personal Data

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
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Education

Sep. 2015 -Current
Master Degree in School of Software Engineering
Tongji University, Shanghai, China
Major: - 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
Bachelor Degree in School of Software Engineering
Tongji University, Shanghai, China
Thesis: "Fast Collision Detection Algorithm for Home Design System"
Gpa: 4.1/5

Jan. 2014 -Jun. 2014
Exchange Semester at Department of Information Technology
Uppsala University, Uppsala, Sweden
Major: - Computer Architecture
- Secure Computer System: SQL Injection etc.

Work Experience

Oct. 2014 -Feb. 2015
Programmer Intern at Department of System Engineering
eBay, Shanghai, China
Montage
- Performed test cases using TestNG
- Performed test automation for web applications using Selenium
- Automated testing tasks on Jenkins
ODB vs. CMS
- Compared data fetched from Oracle and Cassandra using Spring JdbcTemplate and ConcurrentHashMap
- Calculated accuracy and exported reports to Excel

Jul. 2014 -Sep. 2014
Programmer Intern at Qi Yuan Studio
SNDA, Shanghai, China
Dungeon Striker
- Developed shop module of mobile game using NGUI as front-end and C# as back-end

Projects

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** *MVC framework* - Developed fleet module using JSP as front-end, JAVA as back-end and MySQL as database

Scholarships and Certificates

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

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

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, Spring JDBC, TestNG, Selenium, NGUI, OpenCV, Tensorflow, Torch

Languages

Chinese:	Native
English:	Fluent
Japanese:	Elementary

Interests

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