

Zheng (Mark) Ma

Web Developer & Educator. New York, NY

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Skills

Technology: HTML, CSS, SQL, Javascript, C#, Java, jQuery, NodeJS, ExpressJS, ReactJS, Socket, Ruby, Unity, Android SDK

Language: Chinese Mandarin (Native Fluency) & English (Professional Fluency, TOEFL: 102)

Education: Teaching & Curriculum Design

Interests: Photography, Photo Editing (Adobe Lightroom), Video Producing (iMovie), Guitar

Development Experience

Grandmaster (Selected Web Dev Project) **React.JS, Express.JS, CSS, HTML, Socket.IO**

A group project and an online card battle game. Players could build their own deck of cards and challenge other players. Real-time chat box is implemented and spectators are allowed. Our team would keep updating this project with more features such as helper cards.

To Be With You (Teachers College INA2017 Project) **C#, Unity, Wikitude, Firebase**

An Augmented Reality mobile game for mental health and education purposes. Users could put their own virtual pets in the real environment and interact with them. Pets would make various reactions based on the user's choice of "how to play with the pet" and intimacy level with the user.

Geek Olympics **Non-Digital Card Game**

A table-top card game developed by a group of programmers. The game endogenously teaches the structure of programming in an entertaining way.

Education

Teachers College, Columbia University, New York, NY **Sep 2017-May 2019**

Master of Arts in Design and Development of Digital Games

General Assembly, New York, NY **Jun 2017-Sep 2017**

Certificate of Completion: Web Development Immersive

Syracuse University, Syracuse, NY **Aug 2014-May 2016**

Master of Science in Teaching and Curriculum

Beijing Language and Culture University, Beijing, China **Sept 2010-July 2014**

Bachelor of Arts in Chinese Language and Literature

Work Experience

Game Research Lab, Teachers College, Columbia University, New York, NY **Sep 2017-Now**

Session Facilitator/ Research Participant

- Present tutorial sessions on Unity, Augmented Reality and Web Development
- Research on how digital games could assist learning process

Hudson Way Immersion School, New York, NY **Aug 2016-Jun 2017**

Grade 2-4th Mandarin Teacher

- Presented the MLA (Mandarin Language and Art), Math, Science and Social Studies classes in Mandarin under the NYS common core standards.

Nonprofit Organization "INCLUDED", Beijing, China **Oct 2012-Jun 2013**

Volunteer Teacher/ Team Leader

- Supervised the volunteer teaching and collaborate with teachers to make instructional designs