Zheng (Mark) Ma

Web Developer & Educator. New York, NY

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Skills

Technology: HTML, CSS, SQL, Javascript, jQuery, Node.JS, Express.JS, React.JS, Socket.IO, Active Record, Ruby on Rails, Unity

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 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.

Poké Fight (Selected Project)   **Express.JS, CSS, HTML, AJAX**

A Pokémon card game. Players could seek random Pokémon and build their own Pokémon teams. It also allows players to do competitions with others using random Pokémon from their own teams. I would keep updating this project with more features such as leaderboard, currency system.

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

Learn to use latest game engines, such as Unity, Vuforia, ARKit, to build digital games. Discuss and evaluate the games of various categories on different platforms.

Education

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

Master of Arts in Technology Specialist

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

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

Grade 2-4th Mandarin Teacher

- Mentored a class of 13 students while cooperating with ELA team to achieve the consistency of lesson planning.
- 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 gave suggestions to ensure the teaching quality
- Collaborated with the volunteers to design the curriculum and homework for the students