Mingtong Zhang

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EDUCATION

Carnegie Mellon University   Pittsburgh, PA
Master of Educational Technology and Applied Learning Science (METALS)   2018.09-2019.07
- Interdisciplinary masters program by CMU Human-Computer Interaction Institution combining learning principles and IT to train students as learning engineers and learning experience designers.

Beijing Normal University   Beijing, China
Bachelor of Science   2014.09-2018.07
- **Major:** Educational Technology
- **Relevant Courses:** Data Structure and Algorithm, Statistics, Computer Network, Web Design, Instruction Source Development, Pedagogical Theory

Hitotsubashi University   Tokyo, Japan
Exchange Student by scholarship, Social Department   2017.09-2018.03
- **Relevant Courses:** Online Media Studies, Japanese Education

EXPERIENCE

Chaoyang Elementary School attached to Beijing Normal University   Beijing, China
Teacher Internship   2017.03-2017.06
- Conducted an experimental class in grade 6 about the efficiency of VR devices in instruction practice with an SPIETP (Student's Platform for Innovation and Entrepreneurship Training Program) team
- Designed a science activity guide book for the science class activities in that school which is then used in practical instructions for several classes

Beijing Normal University Tutor Association   Beijing, China
Part-time Tutor   2014.10-2017.03
- Designed and implemented customized physics instruction for an individual learner during her last year before college entrance examination and helped her enter a top-notch university in Beijing
- Received training at Beijing Normal University Tutor Association
- Tutored senior high school level English and Physics for 2 years

Environmental Education International Communication Program   Hokkaido Sapporo, Japan
Exchange Student by scholarship   2016.07&2016.09
- A program held by Hokkaido University in cooperation with several universities in East Asia
- Translated between Japanese and Chinese for the activities held in September, China, mainly about Chinese education

PROJECTS

Development of *the Summer Battle*, a Middle School Summer Vacation Lesson   Beijing, China
Group Work;   2017.03-2017.06
- In charge of mainly advertising video and lesson content
- The lesson was reported to several educational institutions in Beijing and selected by Chaoyang Elementary School
- Its copyright is now transferred to the second STEM+ Innovative Education Academic Seminar

Participation of Mathematics Contest in Modeling   2017.01
Team Work; Honorable Mention
- 2016 MCM. In charge of Matlab coding and academic report writing
- The report also won the second prize in 2017 BNU Cup Academic Contest

Quantitative Research on the Efficiency of Institutional Incentives in Game Theory   Beijing, China
Research Group Member; Advisor: Zhang Boyu, Associate Professor at Beijing Normal University   2016.06-2017.06
- This is a program under the administration of Beijing SPIETP (Student's Platform for Innovation and Entrepreneurship Training Program)
- Processed pictures by Matlab to acquire a graphic expression of the collected data

SKILLS

LX/UX design
To design teaching and learning, assess and improve learning experience
- **Methods:** Interview; Survey; Field Study; Cognitive Teaching Analysis; Prototyping; Usability Test; A/B Test
- **Tools:** Cognitive Tutor Authoring Tools, Online Learning Instructions, html/css

Programming
- Intermediate Java and C
- Basic Python and Javascript

Japanese
- Japanese-Language Proficiency Test (JLPT) N1 (the highest level)

Mandarin
- Native