

Yue Liu

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EDUCATION

Teachers College, Columbia University New York, NY
M.A. Candidate in Instructional Technology and Media Sep. 2014 – Present
Anticipated Date of Graduation: May 2016

East China Normal University Shanghai, China
Bachelor of Art in English Language and Literature Sep.2008 – Jul.2012
Exchange Student: Newcastle University (UK)

RESEARCH INTEREST

- Human Computer Interaction (Natural User Interface)
- Digital, Interactive, Sensory and Immersive Storytelling
- Interaction of Art and Technology (Creative Coding and Interactive Art Installations)
- Digital Fabrication
- Wearable Technology
- Information Visualization

RESEARCH EXPERIENCE

mHealth for Heart Failure Symptom Monitoring – Columbia University New York, NY
Research Assistant Sep.2015 – Present

Advisor: Professor Steven Feiner and Professor Suzanne Bakken

Principal Investigator: Dr. Ruth Masterson Creber

- The purpose of the project is to develop a mobile health application to support patients with heart failure with outpatient symptom monitoring for better disease self-management
- Sep up the database, connect the database to the web application, fix the bugs of the web application and conduct user experience research

Drawing Talent: Nature or Nurture? – Teachers College, Columbia University New York, NY
Researcher Jun.2015 – Jul.2015

Advisor: Associate Professor Peter Gordon

- Designed an experiment and used TOBII and ASL eye trackers to explore the difference between experienced drawers and novice drawers
- Explored the theory and methods associated with the use of eye tracking in cognitive research

- Class Participation Helper –Teachers College, Columbia University Nov. 2014 – Dec.2015
Team Leader
- Created an interactive learning website for international students to learn and reflect the classroom culture in the United States
 - Data collection / research:
 - Designed survey and interviewed 50 participants (professors and students)
 - Designed and conducted user needs’ survey
 - Formulated an area of teaching focus on body language and small talk techniques

- Easy Art – Teachers College, Columbia University Oct. 2014 – Nov.2015
Team Leader
- Designed and developed both an online interactive platform and its Android version for people to explore, deconstruct and reconstruct artwork
 - Integrated technology into artistic experience to promote user understanding of elements in modern art
 - Pitched the project in 2014 Educational Hackathon NYC

WORKING EXPERIENCE

- Teachers College, Columbia University New York, NY
Web Developer May2015 – Jul.2015
- Developed and updated the official website of Teachers College by using the Terminal Four Content Management System
 - Helped designing the user interface of the official website of Teachers College

- Junior Middle School of No.2 High School Affiliated to ECNU Shanghai, China
English Teacher Jul.2012 – Jul. 2014
- Taught English to thirty-five middle school students and helped them make varied progress by setting study archives, constant motivation, and helping them identify and overcome individual learning difficulties
 - Integrated technology into curriculum and designed online interactive learning environment for students to learn English more effectively
 - Organized and mentored seven teams of five students per team, participating in the 2014“I am a maker faire” for middle school students in Shanghai; two teams won the first prize out of one-hundred teams.
 - Participated Fablab at Tongji University on a weekly basis and tried to build the maker space in my work place

- Student Newspaper of East China Normal University Shanghai, China
Student Journalist Sep. 2008 – Nov. 2010
- Interviewed different people and wrote reports on various topics, such as environment protection, student activities and teachers life stories and have these reports published in several newspapers in Shanghai, such as Xinmin Evening News
 - Designed the featured topics of the student newspaper monthly

SKILLS

Programming: Java, JavaScript, HTML5, CSS3, SQL and Node.js

Design: Rapid Prototyping, Processing and Photoshop

Language: Chinese, English and French

Research Methodologies: Qualitative, Quantitative and Mixed Research Designs

HONORS AND AWARDS

Excellent Student Journalist – East China Normal University 2010

Excellent Journalism Report – East China Normal University 2009

Academic Scholarship – East China Normal University 2008 – 2009