

**A Master of Health Informatics Student focusing on Human-computer Interaction and Health Management.**  
yliuyliu@umich.edu | 734-741-3036 | 3755 GreenBrier Blvd, Apt 261C, Ann Arbor, MI 48105



## PROFILE

Health Informatics master student with strong medical background and a passion of UX and interaction design seeking an internship of UX design and research.

## CONFERENCE ACTIVITY

-CHI 2013 Paris, France  
(Invited to participate and present at Patient-Clinician Communication Workshop)

## RESEARCH & ANALYSIS

-Affinity Diagramming  
-Workflow Diagramming  
-Contextual Inquiry  
-Interview Protocols  
-Usability Testing  
-Comparative Analysis  
-Heuristic Evaluation

## INTERACTION DESIGN

-Prototyping  
-Adobe CS 6

## PROGRAMMING

-Python  
-HTML, CSS, JavaScript  
-PHP/MySQL

## EDUCATION

---

### University of Michigan School of Information | School of Public Health

*Master of Health Informatics Candidate* Degree Expected: May. 2014

### Tongji University School of Medicine

*Bachelor of Medicine, Bachelor of Surgery* Jul. 2011

## WORK EXPERIENCE

---

*Research Assistant* Jan. 2013-Present

### University of Michigan School of Nursing

Ann Arbor, MI

- \* Assist Prof. Patricia Abbott for telehealth/telemedicine projects.
- \* Coordinate technical issues focusing on EHR for education.
- \* Support and maintain two online courses for John Hopkins students by using OneNote /SkyDrive and Blackboard.

---

*Clinical Research Associate* Apr. 2012-Jul. 2012

### 3SBio Inc.

Shenyang, P.R. China

- \* Collected, managed, and analyzed electronic medical data of more than 500 patients from 18 top cancer hospitals in China.
- \* Secured project schedule and reported to the project manager.

## PROJECT EXPERIENCE (Two Examples)

---

Evaluation of Systems and Services Jan. 2013-Present

### Client: C.S. Mott Children's Hospital

Ann Arbor, MI

- \* Work with Michigan Congenital Heart Center to evaluate the usability and usefulness of their clinical research tool.
- \* Conduct interviews and surveys to depict the product's main users and the preferences of potential users.
- \* Use usability evaluation methods to discover and to recommend possible solutions to current development and workflow issues.

---

Contextual Inquiry and Project Management Sept. 2012-Dec. 2012

### Client: School of Dentistry, University of Michigan

Ann Arbor, MI

- \* Studied and mapped the flow of information between two clinics.
- \* Performed interviews, made affinity notes, created models to display breakdowns in the patient care, communication, and organization aspects.
- \* Offered eight possible recommendations to solve the breakdowns.
- \* Project output: Affinity wall, final presentation, and final report.