Yebai Zhao

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OBJECTIVE: Looking for a Co-op positon related to Human Computer Interaction (HCI) or User Experience (UX), summer and fall, 2017

EDUCATION:

Rochester Institute of Technology (RIT), Rochester, NY, U.S.A.
M. Science, in Human Computer Interaction, expected to graduate December, 2017

School of Electrical Engineering Information (SEEI), Sichuan University (SCU), Chengdu, Sichuan, China (2011)
B. Eng. in Communication Engineering

B. Economics in Finance

RELEVANT COURSES
HCI Research Methods (pending), Information & Interaction Design, Usability Testing, User-Centered Design, Designing UX for Internet-Enabled Devices, Interaction Design (from College of Imaging Arts and Science, pending)

SKILLS:

HCI Research Skills
Qualitative/Quantitative HCI Research, Usability Testing (Heuristic evaluation, Contextual Inquiry, Interviewing etc.), Information & Interaction Design

Computer Skills
Java, C/C++, Network Theories, JavaScript, HTML, 3D Modeling & Printing

Graphic Related Skills
Adobe Photoshop, Illustrator, Premiere Pro, Animate; Photography, Graphite and Acrylic drawing

Language
English, Mandarin

PROJECTS:

Researcher, Future Everyday Technology Research Lab, RIT, Rochester, NY (2015-Now)
Virtual Reality research: User interface in Oculus Rift (in progress)
Finding better ways for visualize and interact with HTML content in VR

Usability Testing for the Kodak Moments mobile application (in progress)
Heuristic evaluation, field study and task walk-through for commercial product

Project “AirBeats”, a wearable music system for on-the-go music composing
System design, interaction design hardware developing and microcontroller programming

Project “Clock240”, an interactive system which manipulate 240 physical blocks on a clock to represent collected environment data from a room or from Internet data feeds
Concept design, system design, web UI engineering, microcontroller & web programming

Project “Liquid Display”, a programmable ambient display using ferrofluid as pixels to visualize Google Calendar information
Concept design, system design, hardware design & experiment

Project “EpicCenter”, user research, information and interaction design for a first responders training program. Including web & mobile based website
Contextual inquiry, information design, graphic design, web & mobile prototype design

Accuracy study between the Fitbit and Apple Health
Survey study, quantitative field experiment with written report

Capstone: user study of persuasive content in Virtual Reality (In progress)
A proof-of concept user study about ad-like content made by game engine in VR environment

WORK EXPERIENCE:

Engineer, Division of Information and Data, Chinacomm Design & Consulting Co. Ltd., Beijing China (2011-2014)
Develop conceptual, logical, or physical network designs

Develop and implement solutions for network problems

Develop procedures or report in network availability, reliability, capacity, or utilization

Assistant Test Supervisor, China Unicom Research Center, Yizhuang Internet Data Center, Beijing China (2012)
Network equipment tests for China Unicom Passive Optical Network (PON) suppliers, including network building, interconnection, compatibility and stability tests

Selective performance examination for existing PON optical line terminals and optical network units

PATENT: Yebai Zhao. "Hexagonal Continuous Contact Pinyin Input Method." China Patent No. CN 101980125 A, 2009

ACTIVITIES: Secretary, SEEI Student Union Office, Sichuan University, China (2007-2008)

Graphic Designer, SEEI Student Union, Sichuan University, China (2007-2009)

Department Chair, SEEI Psychology Association, Sichuan University, China (2008-2009)

Active volunteer, Scottsville Veterinary Hospital & Pet Adoptions, Scottsville, NY (2015-current)

Links: LinkedIn: https://www.linkedin.com/in/yebai-zhao-86926137

GitHub: https://github.com/YebaiZhao

Personal site & Portfolio: http://yebaizhao.github.io