Yebai Zhao

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OBJECTIVE: Looking for a Co-op position related to Human Computer Interaction (HCI), User Experience (UX) or User Interface (UI), from September 2017

EDUCATION: Rochester Institute of Technology (RIT), Rochester, NY
Master of Science in Human Computer Interaction, expected to graduate December 2017

RELEVANT COURSES
HCI Research Methods, Information & Interaction Design, Usability Testing, User-Centered Design Methods, Designing UX for Internet-Enabled Devices, HCI in Mobile Devices, Java for Programmers

School of Electrical Engineering Information (SEEI), Sichuan University (SCU), Chengdu, Sichuan, China (2011)
Bachelor of Engineering in Communication Engineering, Bachelor of Economics in Finance

SKILLS: HCI Research Skills
Qualitative/Quantitative HCI Research, Usability Testing (heuristic evaluation, contextual inquiry, interviewing etc.), User Data Analysis, Information & Interaction Design, Fast Prototyping

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

Design Skills
Adobe Photoshop, Illustrator, Dreamweaver; InVision, Photography, Sketching, Graphite and Acrylic drawing

Languages
English, Mandarin

PROJECTS: Capstone Research (in progress): User Visual Guidance Solutions in Virtual Reality at Future Everyday Technology Lab, RIT. A design, development and testing of UI behaviors for guiding user's visual attention in VR environment
Iteration design, prototyping and programming in 3D Unity Engine, usability testing and data analysis

Usability Testing for the Kodak Moments mobile application
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 development and microcontroller programming

Project "Clock240", an interactive system which manipulates 240 physical blocks on a clock to represent collected environment data from a room or through 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 & experimentation

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

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

WORK EXPERIENCE: Engineer and System Designer, Division of Information and Data, Chinacomm Design & Consulting Co. Ltd., Beijing, China (Aug 2011- May 2014)
Develop conceptual, logical, or physical network systems

Function and user experience optimization for cross platform software

Design and implement solutions for mobile network problems

Assistant Test Supervisor, China Unicom Research Center, Yizhuang Internet Data Center, Beijing, China (2012)

Network hardware/software performance tests for China Unicom optical network suppliers, including network building, interconnection, compatibility and stability tests.

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

ACTIVITIES: Volunteer, Scottsville Veterinary Hospital & Pet Adoptions, Scottsville, NY (2015-2016)

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

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

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

Links: Portfolio site: http://yebaizhao.github.io

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

GitHub: https://github.com/YebaiZhao