Linying SHANGGUAN *Looking for UX researcher 2018 Summer Intern*

linyingsg@gatech.edu, 404-358-5377, www.imgaby.me

SKILLS

Design
Lo-Fi/Hi-Fi Prototyping, Personas, Wire framing, Journey map, Storyboard

Research
Affinity Diagram, Competitive Analysis, Contextual inquiry, Focus Group, Interviews, Usability Testing, Heuristic Evaluation, Survey Design

Programing
HTML/CSS/Javascript, C#, Python, R, d3

Tools
Brackets. Axure, Qualtrics, Sketch, Figma, Tableau, Adobe products

INTERESTS

Research Methods for HCI, Inform Visualization.

AWARDS

HengLi Scholarship [5%] Merit student in ZJU [10%] First Prize in *SOfE* CAU [5%]
President Scholarship [0.5%]
National Scholarship [1%]
Beijing Merit Student [0.2%]
For two years [1st person]

PUBLICATIONS

L. Shangguan, B. Hu, Y. Zhou, J. Gao, Q. Lang and Q. Wang, "Implementation of a simulation platform for BCM with xPC target," *2016 IEEE ICIEA*, Hefei, 2016, pp. 55-60.

Gao, D., Wang, Q., Lei, Y., Chen, Z., & Shangguan, L. (2015). Online Real-Time Estimation of Response Time for Periodic Messages in Controller Area Networks. Mathematical Problems in Engineering, 2015.

EDUCATION

Georgia institute of Technology Atlanta, GA   Aug 2017 - Present
   M.S. in Human Computer Interaction in Interactive Computing track

Zhejiang University Hangzhou   Mar 2017
   M.S. in Mechatronic Engineering   GPA 3.72, ranking 1/45

China Agricultural University Beijing   Sep 2014
   B.E. in Mechatronic Engineering at College of Engineering   GPA 3.87, ranking 3/105

PROJECTS

Headphone purchasing service Improvement   UX designer, Aug 2017 - Present
- Helps people to choose headphones in physical stores.
- Our team designed a kiosk which can give recommendations based on customers' preferences and show them where to try out the headphone.
- Besides my research with contextual inquiry, survey and usability test, I also was mainly responsible for the Lo-Fi and Hi-Fi prototype, as well as the interactive one.

SecondBuy   UX designer, Aug 2017 - Present
- Helps GeorgiaTech become more eco-friendly by riding bikes.
- Our team designed a physical bike pool and a near-complete buy & sell used bike process.
- I started with contextual inquiry and interview in a local used bike selling spot; Based on findings, I made affinity mapping about users' pain points; Later I helped the interaction prototype and designed usability evaluation of our prototype.

SpeedDating Visualization   Designer & Developer, Aug 2017 - Present
- To find out what kind of person is the most attractive and what attributes fe/male look for
- I Came up with a circular parallel coordinates diagram in a heart shape and made a website to introduce our project.

WORK EXPERIENCE

Remote UI/UX Designer, User Researcher UXOFFER, Bay Area   Sep 2016 – 2017
- Redesigned homepage of Wemart, providing themes for e-commercial websites

Software Engineer HuaTai Co., LTD, Hangzhou   Dec 2014 - Jun 2016
- Developed a prototype for China Railway Large Maintenance Machinery Group Co., Ltd.
- Allocated work to each developer and combined code using Tortoise Git merge.

LEADERSHIP

President of IMechE CAU Student chapter   Sep 2012 – 2013
- Organized competitions/ Managed budget/ Led teams to attend international events

RESEARCH

Research Volunteer: Wechat study in CAT lab of GeorgiaTech   Sep 2017 - Present
- Transcribed and Analyzed Wechat business interview data
- Coding transcripts, extract key points

Research Assistant: Instability in winch   Dec 2015 - Jan 2017
- Analyzed system stability in a synchronous motor situation by classic control theory
- Simulated in Amesim & Matlab with self-built modules about hydraulic parts of a winch
- Put forward parameter identification method to deal with immeasurable parameters

Research Assistant: Real-time Hardware-in-the-Loop Simulation of Ballast Cleaning Machines (BCM)   Dec 2014 - Jun 2015
- Built a UI interface in .NET C# Winform, a 3D machine model in Solidworks, Unity3D
- Enabled parameter modification, curve display & data storage in XML
- Increased data transmitted per timeframe by applying multi-threads with TCP & UDP