

Linying SHANGGUAN

Looking for UX positions 2018 Summer Intern

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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 simula-
tion 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

M.S. in Human Computer Interaction in Interactive Computing track

Aug 2017 - Present

Zhejiang University Hangzhou

M.S. in Mechatronic Engineering

Mar 2017

GPA 3.72, ranking 1/45

China Agricultural University Beijing

B.E. in Mechatronic Engineering at College of Engineering

Sep 2014

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 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