

# Gaby ShangGuan



Looking for Summer 2018 UX internship

“A good design may go unnoticed, a bad one will not”

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## ✂ SKILLS

### Design

Personas  
Wireframing  
Journey map  
Storyboard  
Lo-Fi/Hi-Fi Prototyping

### Research

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

### Programming

HTML/CSS/Javascript  
C# Python R d3

### Tools

Unity3D| Brackets| Axure  
Qualtrics| Sketch| Figma  
Tableau| Adobe products

## ❤ INTERESTS

Research Methods for HCI  
Inform Visualization  
Tech Management Resources

## 🏆 AWARDS

ZJU Merit student  
President Scholarship (2yrs)  
National Scholarship (2yrs)  
Beijing Merit Student

## 🎓 EDUCATION

**Georgia institute of Technology** Atlanta, GA Aug 2017 - Present  
M.S. in Human Computer Interaction in Interactive Computing track GPA 4.0  
**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

**Invisible Cities** AE lab, GeorgiaTech UX Design/Research Lead, Jan 2018 - Present  
A mobile dashboard for collaboratively developing AR monuments and expansive artworks in public squares. Users are able to create, share, and maintain public AR works that can be shared with a small community or the entire city  
I am leading a 9-people UX team, this experience helps me to consolidate my knowledge of UX

**Arboretum Design** IMAGINE lab, GeorgiaTech GRA, Jan 2018 - Present  
Assist in creation of 3D architectural models and vegetation of GT Campus  
Other work includes assisting in creation of AR and VR applications in Unity3D and UX research and user testing

## 👤 WORK EXPERIENCE

**Remote UI/UX Designer, User Researcher** UXOFFER, Bay Area Sep 2016 - 2017  
Redesigned homepage of Wemart, who provides E-commerce websites/app for Macy's in China

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

## 🔬 RESEARCH

**Wechat Study** CAT lab, GeorgiaTech Research Volunteer, Sep 2017 - Present  
Transcribe and analyze Wechat business interview data; Axial Coding

## 📖 PUBLICATIONS

IEEE conference (2016), where I used **Unity3D** for a 3D machine **real-time** running scene

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.

Journal Mathematical Problems in Engineering (2015)

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.