

TIANQI ZHOU

PRODUCT MANAGER / HRI DESIGNER



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EDUCATION

ZHEJIANG University

B.S. in Agricultural (Biostatistics) (Major GPA: 3.77/4.0, 2nd/40)

Supervisor: Prof. Jun Zhu, Prof. Guoping Zhang

Hangzhou, China

Sep.2011-Jun.2015

ZHEJIANG University, Chu Kochen Honors College

B.S. in Management (Intensive Training Program of Innovation and Entrepreneurship) (3%)

Supervisor: Prof. Xiaobo Wu, Prof. Jiang Wei

Hangzhou, China

Jun.2012-Jun.2015

University of Cambridge

Exchange student (Entrepreneurial Management and Capital Markets) (Outstanding Prize)

Supervisor: Prof. Chris Lowe OBE, FEng, FInstP, FRSC, Dr. Xiaohan Pan

Cambridge, the U.K.

Feb.2014-Mar.2014

University of California, Los Angeles

Exchange student (Management, Aderson College) (GPA: 4.0/4.0)

Supervisor: Prof. John Ullmen

Los Angeles, CA

Aug.2012-Sep.2012

WORK & RESEARCH EXPERIENCE

Ling Technology

Product Manager & HRI Designer

Beijing, China

Mar.2017-Present

- **LingLight, smart bedroom lamp with emotional voice assistant**

Product Leader & HRI Designer

Jul.2017-Present

- ✧ Gave the product definition by delivering thoroughly user research and market research
- ✧ Designing multidimensional perceptive system with various sensors to understand user's behavior and emotion
- ✧ Studying affective computing with Institute of Psychology, Chinese Academy of Sciences
- ✧ Designing and developing vivid acoustooptic responses including voice user interface for users to understand easily

- **Jibo, social robot for family**

Product & HRI Designer

Mar.2017-Jul.2017

- ✧ Designed affective system for Jibo, including the principle of Jibo's emotion status and the process logic to detect user's emotion, and the responsive strategy
- ✧ Jibo was named by Time Magazine as one of **the 25 best inventions of 2017**

- **Luka, illustration books reading robot for children**

Product & HRI Designer

Mar.2017-Jul.2017

- ✧ Designed interaction games for children to learn foreign language with computer vision and voice user interface, children can repeat what Luka read on the illustration book and Luka will give feedback according to the similarity
- ✧ Designed Luka's character and life story to make Luka more convincing for children to be a creature
- ✧ Luka won **2017 Most Successful Design Awards, 2017 CIS Best Intellegient Educational Product Awards, and 2017 CIS Best Educational Robots Awards.**

DeepGlint Technology

Product Manager & UI/UX Designer

Beijing, China

Jul.2015-Mar.2017

- **FoveaCam, human-eye inspired camera boosting the effective resolution by 100 times**

Product manager & UX Designer

May.2016-Mar.2017

- ✧ Designed FoveaCam inspired by fovea zone of human eye to recognize faces and bodies in 100meters
- ✧ Designed video analytic (face&vehicle recognition) platform to efficiently show the captured targets
- ✧ FoveaCam won **2016 Most Innovative Products Awards** named by Chinese Security Exhibition.

- **FaceMovie, html5 crowdsourcing software for collecting face data to improve algorithms**

Product Leader & UI/UX Designer

Apr.2016-Sep.2016

- ✧ Created and implemented the idea of making face-aligned videos for graduates to collect voluntary uploaded data
- ✧ Designed and prototyped all the interfaces and interaction
- ✧ Built html5 software and perform unit test

- **DeepData, video/image big data analysis system**

Product manager & UI/UX Designer

Mar.2016-Mar.2017

- ✧ Designed all applications in the system such as locating suspects with structuralized information by computer vision
- ✧ Designed and prototyped all the interfaces and interaction experience
- ✧ DeepData won **ITS Goleadn Lion Awards** and **Best New Products Awards** named by Intertraffic Asia in 2016.

- **Libra-T, 3D-depth camera analyzing human behavior and environment with computer vision**

Product manager & UI/UX Designer

Jul.2015-Jul.2016

- ✧ Invented "alert event" such as People Falling by only offering suspicious video to helped the Security work efficiently
- ✧ Designed the software platform which visualizes the detection and tracking process
- ✧ Applied the system into retail industry and entertainment projects and designed the 3D space interaction
- ✧ Libra-T was named by Popular Science Magazine as one of **the 100 best technology innovations of 2016**, and was name by Beijing government as one of **the top 10 innovation products of Beijing 2015**.

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Laboratory of Stress Biology, ICS

Graduation thesis (Outstanding Graduation Thesis of ZJU)

ZJU, China
Jun.2014-May.2015

- Studied the responsive genes expression of tocopheryl of cotton seedling under salt stress
- Read the latest papers on the topic, self-taught scientific research methodologies
- Designed and implemented the experiment, collected and analyzed the data of the activities of protective enzymes, MDA, SPAD and tocopherol contents, Publicized and carried out the whole research

Laboratory of Bioinformatics and Genetics

Research Assistant (National Natural Science Foundation Projects)

ZJU, China
Jun.2013-May.2014

- Worked on genotypic and environmental variation of limit dextrinase inhibitor content and thermostability in malt barley
- Collected, analyzed and visualized the data

VOLUNTEER & OTHER ACTIVITIES

Hongdandan, an organization serving the blind

Volunteer

Beijing, China
Sep.2015-Present

- Described movies to the blind in the oral way after getting the training class offered by Hongdandan
- Recorded books by reading aloud to offer the blind children learning materiel
- Designed "Three days not to see" activity to help children experience the life of the blind

PEER, an NGO supporting education in the village

Volunteer Leader

Beijing, China
Jun.2013-Aug.2013

- Taught high school students in Hunan province about Qutantum Physics with the seminar form
- Helped students find their own research topics of interest and do field study to contribute the their community

The ITP 15th Annual Meeting Ceremony

Organization team leader

Hangzhou, China
Aug.2013

- Led the organization team of 60 people to plan and organaize the ceremony
- Raised 20,000\$ Ceremony Fund and invited more than 300 alumini among 15 classes from all over the world

Innovation Business Plan Elevator Pitch Competition (Outstanding Prize)

Team Leader

Cambridge, the U.K.
Feb.2014-Mar.2014

- Came up with and presented the idea of "Ants car-pooling" which allowed people to share cars to work
- Won the Outstanding Prize and been reported by the Cambridge Website

"The Youth", the school magazine

Chief Editor

ZJU, China
Jun.2012-Jun.2014

- Designed and edited 13 magazines and circulation amounts to over hundreds of thousands

AWARDS & SKILLS

SCHOLRASHIPS

Second-Class Scholarship for Outstanding Students (5%)

2012-2013,2013-2014

Second-Class Scholarship for Merits (5%)

2012-2013,2013-2014

Narada Scholarship (3%)

2011-2012

Excellent social work Scholarship (5%)

2011-2012

HONORS & AWARDS

National University Student Innovative Scientific Research Program (First Prize)

2014

"The Challenge Cup" National University Student Business Plan Competition (Second Prize)

2014

Excellent Students Awards (3%)

2012-2013,2013-2014

Outstanding Volunteer Awards (1%)

2012-2013

Outstanding Student Leader Awards (1%)

2011-2012

University Specialized Knowledge in Major Competition (First Prize)

2013

Women's 100 Meters Hurdles at the University Sports Meeting (Bronze medal)

2011

SKILLS

Interests: Swimming athelete, hurdler, Taekwondo (Red Belt), Zither musician, Yuen musician

Tools: Sketch3, PhotoShop, Axure, HTML / CSS / Javascript, Premiere, Python, C/C++, Pytorch

Skills: Rapid Prototyping, Scrum Management, Interactive Prototyping, Usability Testing, Information Architecture, Information Visualization, Experimental Research Design, Field Study, Focus Group, Web Development, Machine Learning Basics, Computer Vision Basics, Natural Language Processing Basics, Programming