



曹金

Career direction in UX / Product Design Lead--Focus on app & web Design (communication, efficiency, health & safety), ID background with intelligent device.

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Dallas TX, USA

Shanghai & Zhejiang, China

Nationality: Chinese

H1B Visa till 2023/11

EDUCATION & SKILLS

Education:

09/2015-06/2017 **Rhode Island School of Design**
Master of Industrial Design GPA 3.34/4

09/2011-06/2015 **Zhejiang University**
Major in Industrial Design GPA 3.88/4

09/2013-12/2013 **Singapore University of Technology and Design**
Major: Engineering Product Development

Skills:

Design strategy: Users-centered design, Critical design
Research & UX: Information architecture, Information design, Psychological design research, Consumer modeling, Experiment design, Psychometric analysis, Surveys, Usability studies (lab-based).

Prototype: Conceptual models with Axure, Sketch, Principle. InVision, Justinmind, Arduino, Sketches.

UI: Prototyping / front-end development, Visual design with Adobe Suits (including InDesign, Illustrator, Photoshop).

Interaction: Max Cycling, After Effects, final cut pro.

Programming: Html/CSS, Java, Python, JavaScript, Processing, Grasshopper for Rhinoceros, Dreamweaver.

Exhibition: MS office, Keynote.

3D Modeling: Conceptual models with AutoCAD, Solidworks, Rhinoceros, KeyShot.

WORK EXPERIENCES

05/2018-
now
TX **Samsung Research America**
Innovation Design Lead
-Responsible for leading the innovation design prototype in multiple team.

11/2017-
05/2018
TX **Samsung Research America**
Industrial Designer (Band II)
-SRA Digital Art Campaign winner, Design works put on SRA front web page for 2 months.
-UX/motion design for Samsung AR chat app / related project. APK build.
-UX/motion prototype design for Samsung AR photo / related project.
-Concept development of Samsung uTab, a mobile content quick searching app.
-Prototype/3D modeling for Samsung AR glasses/phone project / related project.

06/2017-
12/2017
NJ **Center Stage Display Productions**
Creative Project Manager
UX IA Design / Develop of the CSP Webs & App. Approved of H1B Visa.

01/2017-
02/2017
RI **Rhode Island School of Design**
TA of Designing Polygonal Modeling
TA of Designing with Polygonal Modeling. Help student with interaction designs.

07/2016-
08/2016
MA **Acquia Inc.**
Interaction Designer Internship
Drupal Web builder UX IA & interaction development

06/2016-
01/2017
RI **Brown University**
Computer Vision in Engineering (Visiting Research Fellow)
Interaction and industrial design for Blind navigation system in EE department lab.

05/2015-
09/2015
Zhejiang **China Telecom**
UX Designer
China telecom TianYi reading app UI design, prototype design, interaction design and user testing with the design team

01/2015-
05/2015
Zhejiang **Bosch power tools (China) co., LTD**
PT-AC/ENG1-PA1 Fresh Graduate Internship
Electric drill's HCI movement process with feedback interaction optimization concept—Bit drilling test

01/2014-
05/2014
Zhejiang **Hangzhou Shengke Electrical Appliance Co., Ltd.**
HCI & UX Designer
Involved in Car amplifier's HCI's better structural analysis, modeling and mold unloading—UX design of the UX design of the Car amplifier's app

10/2012-
07/2015
Zhejiang **Zhejiang University Prof. Huangqi's Lab**
HCI & UX designer Course projects
Cervical wearable hardware user's cervical motion background data analysis, Better users experience through design psychology and tests, UX design of the Cervical smart hardware's app

ORGANIZATION & HONOR &

PAPER & PATENT

Orga.:

Till now China Industrial Design Society, Member

2013-
2015 Hangzhou Jingsen Industrial Design Co., Ltd. Sole Founder & Sole Shareholder & General Manager with about 26 staffs

HCI of roboy in Zhejiang University, Member

2011-
2013 Industrial Design Society of ZJU, Vice President

The propaganda department in the divisional Youth corps committee in Zhejiang University, Department, Department Head

TED(xZJU), Volunteer

Honor:

2018 Samsung: SRA Digital Art Campaign Winner

2013 Reddot: Reddot Design Award Winner

2013 Dong Guan Cup: Open Group Award in Dong Guan Cup International ID Competition

2013 Singapore ST: The 5th Place in Singapore ST Aero Economy Class Seat Design Competition

2012-
2015 **Scholarship:** 4 times of Scholarship for Outstanding Merits & Excellent Student & Outstanding Students

Paper:

2017 **Designs:** A Structurally Enhanced, Ergonomically and Human-Computer Interaction Improved Intelligent Seat's System

2015 **ISTP:** An Intelligent seat's System for Better Ergonomics and Human-Computer Interaction

2014 **China Venture Capital:** The Application of Chinese Traditional Element Design in Industrial Design

Patent:

2017 3 Patents

2014 6 Patents(China. Gaoneng Valve Group) Included: Boiler pressure control system

Application no. : ZL 2014 2 2014 X

An aluminum special cutting machine

Application no. : ZL 2014 2 0003367.4

A novel transmission device

Application no. : ZL 2014 2 0003378.2

2013 Novel Keyboard

Application no. : ZL 2013 2 0321337.3