# GAO JIE

gaojie056@gmail.com
http://gaojiedesign.cn/cv/

## About Me

Jie is a graduate student (M.Eng) majoring information production design at Zhejiang University. She is passionate about design and technologies. She is always excited to find interesting research questions and answers.

## Skills

**Design Tools**

Photoshop & illustrator & InDesign

Sketch Axure & Principle

Video shooting

Premiere & After Effects

C4D & Maya

CLIP Studio Painting

**Design Methods**

Comparator Analysis

Personas & Scenarios

User Interview

**Coding**

HTML & CSS

Python

C

Javascript & JQuery

Java

**Hardware**

Arduino

Processing

## Main Courses

**Electrical**
• Digital Signal Processing
• Electronic Circuit
• Digital Audio Processing
• Electroacoustic
• Microcomputer Principle
• Digital logic circuit
• Computer Network

**Art**
• Photography Foundation
• Music Theory

**Design**
• Service Design
• Design Engineering
• Cultural Construction
• Integrating and Innovation Design
• Design Project Management

**Self–learning**
• Python
• Painting

## Awards

Excellent Graduate Student of Zhejiang University, 2018
Scholarship of Academic Excellence in Shanghai University, 2016
Student Leadership Scholarship, 2015

## Education

### Zhejiang University, Hangzhou, China

M.Eng | Information Product Design | GPA:3.9 /4.0 | Expected Jun. 2019

### Shanghai University, Shanghai, China

B.Eng | Digital Media Technology | GPA:3.58 /4.0 | Rank: 3/102 | 2013-2017

## Publications

**Jie Gao**, Leijing Zhou, Miaomiao Dong, Fan Zhang. "Expressive Plant: A Multi-sensory Interactive System for Sensory Training of Children with Autism," in 2018 ACM International Joint Conference on Pervasive and Ubiquitous Computing (Poster | UbiComp 2018).

## Projects

**A Multi-Sensory Interactive System for Sensory Training of Children with Autism**

*Literature search | Arduino | C | 3D printing | Video shooting and editing*

• Literature search & Investigated the existing systems and materials for sensory training
• Designed and prototyped a multi-sensory interactive system using Arduino platform, C and 3D printing technology
• Shot and edited the product video

**Product Design of Honeycomb APP**

*Brainstorm | Interview | Personas | Comparator Analysis | Wireframe Design*

• Brainstormed the problems existed in existing film platforms with a group
• Interviewed 5 movie fans to understand how typical users use existing film platforms and how they deal with the problems we have found
• Investigated and analysed the advantages, disadvantages and user scales of similar products
• Identified the basic and featured functions of Honeycomb APP
• Interaction Design and Presentation using MoDao

**Implementation of Digital Communication System in Short Wave Band**

*Circuit Design and Welding | Singchip | C*

• Generated a data sequence signal by single-chip microcomputer and implemented BPSK modulation with high frequency carrier
• Implemented a square difference carrier recovery circuit and low-pass filter circuit
• Observed and debugged circuit with an oscilloscope and spectrum analyzer

**Design and Implementation of Bluetooth Car Control APP**

*Android Studio | Java | Video shooting and editing*

• Achieved joystick control of smart car through connection in Bluetooth Socket channel
• Achieved speech recognition and gravity control using the API of iFLYTEK Open Platform

## Internships

**Zhongbiao Software Inc.**                    Shanghai, China | 2016.7-2016.11
*UI Designer Intern*

• Improved interaction process and website interface by designing and implementing the front end of the website
• Completed the interactive and visual redesign of an enterprise security management and control platform

**Shanzhu Tech Inc.**                    Hangzhou, China | 2018. 9 - 2018. 12
*Product Designer Intern*

• Leveraged design tools to design the interactive logic flows and UI interfaces for a new app

## Languages

Chinese( Native Language)
English( Fluent in Speaking and Reading ):
Toefl: 88 (Reading: 28, Listening: 18, Speaking: 18, Writing: 24)