

Peiling Jiang

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Education

- 2019 - Now **New York University** Tisch School of the Arts / College of Arts and Science
B.F.A. in Interactive Media Arts
B.A. in Psychology *planned*
Joint Minor in Computer Science and Mathematics *finished*
GPA 3.89 / 4
- 2018 - 2019 **Massachusetts Institute of Technology** School of Architecture and Planning
Exchange, Art and Design
GPA 3.84 / 4
- 2016 - 2018 **Jiangnan University** School of Design
Undergraduate Studies in Industrial Design and Experimental Program of Integrated Innovation
GPA 3.54 / 4 Top 2 of 30 (Transferred out)

Research

- 2019.1 - **Fluid Interfaces Group** MIT Media Lab, Cambridge, MA / Undergraduate Research Assistant
2019.8 Worked on AlterEgo, a personalized wearable silent speech interface listening to people's internal thoughts.
- Designed the second version of the product, featured in TED.
 - Researched Indiscernible User Interface (UI) for silent speech interactions. Designed interaction for the product and programmed the mockup version for user research and testing.
 - Scanned and modeled personalized masks for attaching EMG electrodes to designated positions on the face for data collection.
 - Worked on user research with speech-disordered patients and helped collect training data.
- 2018.9 - **Personal Robots Group** MIT Media Lab, Cambridge, MA / Undergraduate Research Assistant
2019.1 Worked on an educational robot teaching children basic AI knowledge. Featured in Zeit Magazin.
- Designed and fabricated the head part of the robot where a servo controls movements of the smartphone-based face.
 - Worked on motion design and interactions with kids according to different emotions.
 - Worked on the UX design of a web-based app helping kids setup and play with their robot family.

Experience

- 2020.1 - Now **NYU Coding Lab** Brooklyn, NY / Mentor
Hold office hours and helping NYU students with their code. This position normally offered to graduate students only.
- 2020.1 - Now **NYU CSCI-UA 4 Introduction to Web Design** New York, NY / Grader
Grade weekly assignments, quizzes, and projects, give feedback to students, and inform instructor about students' progress.
- 2017.2 - **Xiaoshangxing Technology Co.,Ltd** Wuxi, Jiangsu / Co-Founder and Chief Design Officer (Quit)
2018.6
- Took the initiative and started the first campus-based friends-searching app in China.
 - Defined the visual identity of the company and the app, and set specifications for relating usage.
 - Worked on UX/UI design of the app, and user feedback analysis.
 - Accomplished 10,000+ Daily Active Users (DAU) with only 2 schools in trial operation.

Honors and Awards

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|------|---|-----------|--|
| 2019 | The James Dyson Award National Winner | 2018 | Wuxi Citizen Card Design (8th Anniversary Edition) |
| 2019 | MIT Mural Augmentation Challenge Winner | 2018 | JNU School of Design Annual Award |
| 2019 | MIT Sandbox Innovation Fund Recipient | | for 7 Most Outstanding Students (1600: 7) |
| 2018 | First Inventor of two Utility Patents | 2017-2018 | JNU Honors School student |
| | CN2018206060993 / CN201810380153 | 2017-2018 | JNU First Prize Scholarship |

Domains and Skills

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|-----------------------------------|------------------|---|
| Human-Computer Interaction | Design | Rhino and Grasshopper, Adobe Suite, Sketch, fabrication |
| Experience Design | Front-end | HTML5, p5.js (contributor), ml5.js, tensorflow.js, Vue.js |
| User Research | Back-end | Python, Node.js, C / C++ |
| Computational / Industrial Design | Physical | Arduino, Raspberry Pi |
| | Analysis | SPSS |