



*Felicia Guo*

## TONGFEI GUO

"Persistence makes you see what others can't see."

## PROFESIONAL SKILLS

- **Languages:**  
Java, Python, SQL, R  
CSS, JavaScripts, XML,  
HTML, React
- **Softwares & Tools:**  
MySQL, VS Code,  
Docker, Git-hub, Git-Flow  
PaaS, Node.js, npm,  
Kubernetes, Homebrew
- **Design Tools:**  
Adobe Illustrator, Adobe InDesign,  
Adobe PhotoShop, Adobe XD,  
Figma, Bolsamiq, Tiktok Video Clipping

## CONTEXT ME

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notion.so/Hey-I-m-Felicia-Guo-  
09416f6ed4624219911f133589f2c73f

## AWARDS

- Dean's list at Khoury College (Computer Science) 2019-2022.
- Best Assitant Director at ILMUN Meeting 2018.
- First Prize of Speech Competation 2017.
- Best Award for Outstanding Host for the Lunar New Year Gala 2017.
- Piano amateur of 10th level by Shanghai Conservatory Of Music Music Grading Test.
- The certificate of level seven of Chinese dance in BeiJing Dance Academy.
- The certificate of level ten of sketches in Art Development Center of Ministry of Cutral.

## EDUCATION

BOSTON, MA SEP 2019 - PRESENT

- **Northeastern University The Honors Program**  
Khoury College of Computer Sciences  
B.S. Computer Sciences & Design GPA (Max): 3.926/4.0  
**Honors:**
  - Recipient of Honor Student Scholarship 2019 - 2023 (Full granted),
  - The Dean's List 2019 Fall Semester,
  - The Dean's List 2020 Spring Semester,
  - The Dean's List 2021 Spring Semester.

ITHICA, NY JUL 2018 - AUG 2018

- **Cornell University**  
Computer and Information School CSIS  
Summer School GPA: 3.8/4.0
  - Learned and use MatLab to analysis the wave movement.
  - Interacted and communicated between machine and human by learning HCI.
  - Established and maintained systems that safely met user's needs.

BOSTON, MA JAN 2018 - FEB 2018

- **Massachusetts Institute of Technology (MIT)**  
Sea Grant College Program  
Winter Camp
  - Outlined and programmed routines and parameters for different robotic systems.
  - Focus o research of Robotic Engineer of the Hydrodynamics Fields.
  - Courses: C++, Arduino, Dynamics and Fluid mechanics.

SHANGHAI, CHINA SEP 2017 - MAY 2019

- **Shanghai Macduffle International School**  
(IBDP) International Baccalaureate Diploma Programme
  - High Level: Mathmatic, Physic, Language and Literature.
  - Standard Level: Economy, Chemistry, Biology.

## RESEARCH

BOSTON, MA SEP 2021 - PRESENT

- **The Civic A.I. Lab at Northeastern University**  
*Research Assistant*  
design, build, and study public A.I. tech to empower Gig Workers, Federal Governments, Industry, and NGOs, to collaborate to achieve their collective goals.
  - Designed and excuted noval HCI experiment to examine the effects of virtual interaction between AI products and human, analyzing how it influence human's creativity and communication.
  - Collaborated with postdocs and work on the interface design and database development for a women violence help program (LUNA).
  - Contributed with paper wirting and performed data analysis.

BOSTON, MA JAN 2020 - DEC 2020

- **The Music, Imaging, and Neural Dynamics Lab at Northeastern University**  
*Research Assitant & Analysis Programmer*  
find music therapy for curing Alzheimer's disease.
  - Used Matlab to manipulate raw data.
  - Wrote R scripts for data visualization.
  - Created and developed the online tests for all lab experiments, the tools used are Qualtrics, Python-based Psycho Pi, VS Code etc.
  - Developed the Lab web page and write wiki page for Synchronygamma project and Nozaradan Project.

## PUBLICATIONS

- **Tongfei Guo**, Exploring the Use of Augmented Reality in Fitness on Innovation, Embodiment, and Communication (Accepted MEXIHC (Mexican CHI) 2021).
- Savage Pinto, Liliana, **Tongfei Guo**, LUNAS: HCI for supporting battered women in Mexico (In Progress for CSCW2022). Advised by Dr. Saiph Savage

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## TONGFEI GUO

"The way to get started is to quit talking and begin doing."

### HIGHLIGHT PROJECTS

More works can be found on git-hub or my portfolio

SEP 2021 - PRESENT

- **BEOK**  
*Way-finding App (UI/UX Design)*  
for users to find vegan restaurant. Support user to customize their own way finding experience, to share trip with friends.

SEP 2021 - PRESENT

- **MassPass**  
*Healthcare App (HCI Course Work)*  
for Massachusetts residents that they can use to provide digital proof of their COVID-19 vaccination and test results.

FEB 2021 - MAY 2021

- **Impacts of COVID-19 on U.S. Schools**  
*Information Design*  
illustrates the changes made during the 2020–2021 academic year as a result of the coronavirus pandemic, tracking reopenings, closures, and the use of hybrid learning schedules.

OCT 2020 - DEC 2020

- **ShakeShapes**  
*Java Program - Animation Game*  
The classic Model-View-Controller architecture is used to build this application progressively. Player can enter instruction to control and display the game.

APR 2020 - MAY 2020

- **Fridge Never Lie**  
*Healthcare - Database Design*  
focus on database design to support basic functions the app have such as to record daily meal plans and to track the expiration date of food in fridges.

FEB 2020 - APR 2020

- **YOLO You Only Live Once**  
*Website Design*  
an interactive webpage with music for user to free their mind by performing meaningless actions.

### INTERESTS

Piano, Fencing, Tennis, Golf, Ping-pong, Swimming, Snowboarding, Piano, Hiking

**Social Media:**

Weibo (Chinese ins) 4k+ followers

Bilibili Vlogger(Chinese Youtube)

Tik-tok (Likes 2k+)

### WORK EXPERIENCE

HANGZHOU, CHINA APR 2021 - AUG 2021

- **Alibaba Group**  
*Software Engineer*
- Built and designed both the front-end and back-end of the IEB (Intelligent Entrepreneur Brain) project to support the function of recording the daily work time of staff.
- Synchronized the code with other team members through Git-Flow.
- Conducted product research and collected user's feedback to improve the design of the product.

ONLINE SEP 2020 - DEC 2020

- **Northeastern University (CS2500 Fundie1)**  
*Teaching Assistant*
- Developed the assignment project for students.
- Help students and provide guidance for them to solve problems.
- Correct students' homework.
- Lead the teaching session in workshop/lab.

HANGZHOU, CHINA MAY 2020 - JUL 2020

- **IBM**  
*UI/UX Designer*
- Generated an interactive primary version of the product pre-development which is used for tracking the behavior and status of employers, enabling the user to test the main interactions of the product.

### LEADERSHIP/TEAMWORK

BOSTON, MA MAR 2020 - PRESENT

- **Northeastern University Chinese Students and Scholars Association (NUCSSA)**  
*Chair of Public Relation Department*
- Actively communicated with organizations or businesses inside and outside the school to establish and maintain good relations.
- Represented student unions in a variety of positive image events on and off campus and established contacts with sponsors.
- Actively communicated with other departments of the Student Union to understand the needs of other departments and provide assistance.
- *Minister of the ins marketing team*
- Investigate trends in popular ins and learn to apply marketing to student unions.
- Responsible for filming and planning promotional content.

SHANGHAI, CHINA MAR 2018

- **IVY League MUN Conference**  
*Assistant Director (AD)*
- Collaborated with management and tech crew to maintain the order of the meeting.
- Assigned to take notes of the meeting.
- Maintain tight production timetables and quality standards to give audiences exceptional offerings.

SHANGHAI, CHINA SEP 2017 - MAY 2019

- **Robot and Design Club**  
*Founder & President*
- Collaborated with management and tech crew to maintain the order of the meeting.
- Assigned to take notes of the meeting.
- Maintain tight production timetables and quality standards to give audiences exceptional offerings.

SHANGHAI, CHINA SEP 2017 - MAY 2019

- **Students' Union**  
*Chair of The Project & Event Committee*
- In charge of all the project management and conducting follow-up quality check.
- Responsible for the planning, division and coordination of large-scale events such as Karaoke Contest, Chinese New Year Celebration, Christmas event, Halloween party, etc.
- *President*
- Lead the revolution to improve the management of student union and write a proposal to the president in order to improve the standard of food in school's dining hall
- Direct three Spring Festival performances.
- Organize community serving volunteer activity.