



## FELICIA GUO

**Available:**  
January - June  
2021

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## EDUCATION

### Northeastern University Honors

Sep. 2019 - June 2023

#### Khoury College of Computer Science

B.S. Computer Sciences & Design

**Relevant Courses:** Object-Oriented Design, Algorithms, Database Design, Interactive Design, Typography 1 & 2, 5D, Design Process and Context.

**Honors:** GPA 3.86/4.0 | Dean's List  
Recipient of Honor Student Scholarship.

**Activities:** Member of Leadership LLC |  
NEU debate club | NEU food recovery club |  
NEU CSS Outreach Department

### Cornell University Jun. 2018 - Aug. 2018 Computer and Information School

**Relevant Courses:** MatLab | Data Analysis  
|HCI(Human-Computer-Interaction)|Ethic of  
Tech

### MIT Jan. 2018 - Feb. 2018

#### Robotic Engineer of the Hydrodynamics fields

**Relevant Courses:** C++ | Program using  
Arduino | Dynamics and Fluid mechanics

## PROJECTS

### Fridges Never Lie

#### mobile application & database design

- Help to record daily meal plans and track the expiration date of food in fridges to avoid unnecessary individual food waste.
- Created user personas and conducted user research.
- Designed the data frame for supporting all functionalities (MySQL)
- Designed user flows and wireframes to represent the user's journey as they interact with the app. (Figma/Bottlenose)

### Pyramid Solitaire Game java game

- Create the Pyramid game with new features and strict rules. (Implement Model-View-Controller)

### Yolo web design

- Create an online canvas which allows the user to free their mind by doing meaningless interaction with the screen. (JavaScript, D3, CSS, VS Code) the user's mouse.

### Self balance robot c++ programing

- Reprogram the robot's action using Aduino. Calculated the movement of each action to make sure the car would not fall down while moving.

## EXPERIENCE

### MIND Lab

Boston USA

#### Research Assitant

Jan. 2020 - Present

- Used Matlab to manipulate the raw data and 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.
- Run participants for the Synchrony Gamma project and the Norzandan project.
- Helped develop the current Lab web page, and wrote wiki pages for giving the instructions of some projects.

### Alibaba Group

Hangzhou CN

#### Software Engineer Aug. 2020 - Dec. 2020

- 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.
- Critiqued the code at the end of week and wrote tests to debug the code before moving to work on the new function.
- Created mocked data to test the code, the tools used are MySQL, Docker etc.
- Conducted product research and collected user's feedback to improve the design of the product and updated some functions.

### IBM

Jining CN

#### UI/UX Designer

May. 2019 - Aug. 2019

- Generated an interactive primary version of a product used for tracking the behavior and status of employers, enabling the user to test the main interactions of the product.
- Organized content within the EMR app and its website to provide the user with an effective information architecture to guide the user to accomplish tasks.

## SKILLS

### Languages

Java · Python ·  
Matlab ·  
CSS · JavaScript  
HTML

### Design

Illustrator · InDesign ·  
PhotoShop ·  
XD · Sketch ·  
Figma · Balsamiq

### Tools&Software

PaaS · Docker · Git-Flow ·  
Kubernetes  
npm · Homebrew · Node.js ·  
PsychoPi · R ·