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**[Main page]**

Hello,

My name is Shenhao Xie.

I am a UX designer. (on background image)

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[About Me]

Hello! My name is Shenhao Xie.

I’m a first-year graduate student at the University of Michigan. I’m studying UX design at the School of Information. I have a passion about understanding people’s needs and satisfying those needs by design human experiences. The problem I care about the most is to help people establish healthy lifestyle to avoid overweight problems and related health issues.

I am a sensitive person and I care a lot about other people’s feelings, which is one of the reasons that I found myself so interested in UX design.

The other main reason is my passion for art and design. Outside study, I enjoy drawing and playing guitar. I’m also a big fan of cooking. My mother taught me how to cook. She is a housewife and used to do all the housework. I knew how tiring it was to take care of the whole family for her and I wanted to help. I learned how to cook from her so I can help her with the housework. Now, I enjoy cooking and I always find it exciting to try new recipes and create new dishes.

Hobbies:

Cooking

I enjoy cooking for my families and friends. I love looking for new recipes and create new dishes. It’s also a kind of design to me.

Drawing

I like drawing. It’s a great way to express my feelings about lives. It’s also helpful for my career as a UX designer.

Guitar

I love playing guitar in my spare time. Music is one of the most important part of my life. My favorite bands are Gun N Roses and Pink Floyd.

[Resume]

Where I studied

**[2019-2021]**

**MASTER OF SCIENCE IN INFORMATION**

For my graduate study, I learned UX design at the University of Michigan.

**Skills developed:**

**Research:**

User research, contextual inquiry, user interview, competitive analysis,

**UI design:**

sketching, storyboard, persona

**Programming:**

HTML, CSS, Python

**Courses that I took:**

Contextual Inquiry

Complex web design

Python programming

Introduction to human behavior

Introduction to Interaction design

**[2016-2019]**

BACHELOR OF MECHANICAL ENGINEERING

For my undergraduate study, I learned mechanical engineering at Shanghai Jiaotong University.

**Skills developed**

Programming languages: C, C++, MATLAB, Latex

Tools: CAD, Unigraphics NX, MATLAB, Origin Lab, Mathematica, 3D printing

**Projects & Research**

## Portable electronic drum | UG, Matlab, Arduino | Team leader

* Team design to solve problems of existing electronic drums

Design advantages: Portability, Sound flexibility

* Manufacturing
* Performance testing and adjustment
* User experience research and adjustment
* Product Symposium, Expo

## Pitching machine suitable for multiple ball types | UG, Matlab, Arduino | Team leader

* Team design to solve problems of existing pitching machines

Design advantages: suitability for multiple ball types, high mobility, high shooting precision

* Model design with UG
* Manufacturing with 3D printing mainly
* Performance testing and adjustment
* Product Symposium, Expo

## Vehicle with transformable wheels | Solidworks, Matlab, Arduino | Team leader

* Team design to enable vehicle to move on different road conditions

Design advantage: high transformation success rate, high load ability

* Model design with solidworks
* Manufacturing with 3D printing mainly
* Performance testing and adjustment

## Updating international wall of Technical University of Troyes | Team member

* Project management ideas
* User research
* User testing
* Schedule building

**Projects**

**Diet Me**

**Diet Me** is an application to help users establish healthy eating habits and deal with overweight problems. It can evaluate their daily meals according to preset weight management goals.

**Working process**

1. Problem statements

Many people are facing overweight problems. Main causes of the problems include unhealthy diet, lack of exercise and lack of knowledge about personal physical condition. For this project, at first, I wanted to design an integrated product that takes all three aspects into account. As the design process goes on, I decided to narrow down the scope and focus on the diet management.

1. Competitive analysis

There are many applications on market that deal with the problem from the three aspects mentioned above. Typical examples are MyFitnessPal (diet management), Keep (exercise instructions) and VeSyncFit (Body Index scale).

1. Idea sketching

I came up with 8 different tools that can help solve the problems and visualize them by sketching.

1. Storyboards & scenarios

I used storyboards to illustrates and context and background of the problem and evaluate the tools in scenarios by checking if the tools can satisfy the user’s goal in the context.

1. Personas

I come up with 6 personas to discover user groups and find their goals and motivations in specific contexts. I also shaped the focus of the products according to the goals of the primary persona.

Contact

Map

Reach me

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drop me a line

contact form