



# Yanxi Lin

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**Date of birth:** 15/09/2001 | **Nationality:** Chinese | **Phone number:**

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## ● EDUCATION AND TRAINING

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09/2019 – 06/2023 Beijing, China

**BACHELOR OF ENGINEERING - COMPUTER SCIENCE AND TECHNOLOGY** Beijing University of Technology

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**Final grade** 90.86 | **Thesis** A biomedical image segmentation method based on U-Net

01/10/2023 – CURRENT Hamburg, Germany

**MASTER OF SCIENCE - INTELLIGENT ADAPTIVE SYSTEMS** Universität Hamburg

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**Website** <https://www.master-intelligent-adaptive-systems.com>

## ● WORK EXPERIENCE

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01/09/2022 – 31/08/2023 Beijing, China

**INTERN SIEMENS**

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1. Developed Siemens low-code applications using Mendix Studio Pro and implemented Robotics Process Automation (RPA) solutions.
2. Developed Siemens low-code APIs.
3. Conducted Q&A on Siemens low-code for beginners and intermediate users.
4. Wrote and organized technical documentation.

09/05/2022 – 31/08/2022 Beijing, China

**INTERN FORTUNE CHINA**

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1. Conducted the operation and maintenance of the Fortune China website and Fortune Plus app.
2. Assisted editors in editing and producing podcasts ([Relativity of Wealth](#)) using Adobe Audition.
3. Produced newsletters using Python crawlers to retrieve new content from Fortune's website.
4. Participated in the production of the Fortune China 500 2022 list, 40 Under 40 lists, and the Best Design of China list.

2020 – 2021 Beijing, China

**TEAM LEADER STUDENT NEW MEDIA CENTER, FACULTY OF INFORMATION TECHNOLOGY**

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1. Produced announcements, publicity articles, and webpages for our faculty.
2. Created videos and designed posters for on-campus activities in collaboration with other departments.
3. Recruited and trained new members of our department

01/2022 – 03/2022 Beijing, China

**RADIO FREQUENCY MANAGEMENT ASSISTANT (VOLUNTEER) CHINESE OLYMPIC COMMITTEE**

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1. Conducted maintenance of wireless facilities in the Beijing Winter Olympic Village and Paralympic Village.
2. Assisted engineers in measuring the frequency of radio equipment.
3. Provided English translation for athletes.

## ● ADDITIONAL INFORMATION

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### PROJECTS

06/2022 – 08/2022

**IDS for In-Vehicle Network -- An AI Project** As a team member in a national information security competition, my team proposed a C-G IDS model for detecting malicious attack traffic in in-vehicle networks. Our model, which won an excellent award, implemented misuse detection techniques, anomaly detection techniques, clustering analysis based on mean shift, and transfer learning.

04/2022 – 07/2022

**Upload health -- A Web Application** As the team leader, I led a team of three in developing a project that allows users to customize food, search for food on our database, and record their daily food intake. We visualized calculated daily, weekly, and monthly data of calories, fat, and protein. The frontend was developed using WXML and WXSS, while the backend was developed using JavaScript and the WeChat JS SDK. More details of this project can be found on [our GitHub repository](#).

09/2021 – 11/2021

**My Movie -- An iOS Application** I developed an iOS application that displays movie information using Swift and SwiftUI. The data was crawled from Douban and converted to JSON format using Python. Users can view featured movies and movies sorted by different categories on different pages, bookmark and vote for movies, and search for movies based on the movie's, director's, and stars' names. More details about this project can be found on [this GitHub repository](#).

### HONOURS AND AWARDS

08/2022

**Excellent Prize – Beijing Electronic Science and Technology Institute** In the 15th National College Student Information Security Contest, our team of four won the excellent prize for developing a transfer learning-based intrusion detection system for in-vehicle networks.

05/2020

**Merit Student of Beijing University of Technology – Beijing University of Technology**

### LANGUAGES

23/10/2021

**English - TOEFL iBT 101**

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Reading 28 | Listening 28 | Speaking 22 | Writing 23

**Chinese - Mother Tongue**

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### SKILLS

**Programming Skills**

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C | C++ | Java | Swift | SwiftUI | Python | JavaScript | CSS | HTML | Processing

**Software Skills**

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Mendix Studio Pro | Docker | Sketch | Adobe Photoshop | Adobe Audition | Final Cut Pro | MS. Office

**Soft Skills**

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Team Work | Adaptability | Growth Mindset | Leadership | Diversity awareness | Active Listening

### HOBBIES AND INTERESTS

Reading and Writing

Boxing and Swimming

Drawing and Designing