

# Hongni Ye

✉ hongni.ye@mail.polimi.it    📍 http://coolas.me/

🆔 0000-0002-0294-924X    📅 25/02/2024

## EDUCATION

### M.S. in Digital and Interaction Design

Politecnico di Milano [🌐](#)

09/2019 – 12/2021 | Italy

- GPA: 108/110; 30+/30 in Envisioning AI through Design, Advanced User Interface
- Supervisor: Prof. Mario Covarrubias Rodriguez (mario.covarrubias@polimi.it)

### B.Eng. in Software Engineering

East China University of Technology

08/2015 – 07/2018 | China

- GPA: 3.45/4.0; Courses: Data Structures and Algorithms, Object-oriented Programming

## PROFESSIONAL EXPERIENCE

### Algorithm UI Engineer Intern

Shenzhen Qianzhi Technology Co., Ltd.

08/2023 – 11/2023 | Shenzhen, China

- Modified UI and developed frontend for a WeChat mini-program
- Wrote API for AI algorithm features
- Created UI elements for personalized features.

### Research Assistant

HCI Lab of Duke Kunshan University [🌐](#)

12/2021 – 06/2023 | Remote

- Led 4 projects and promoted papers submission
- Created 3D avatars for a metaverse platform
- Designed/developed DKU HCI Lab [🌐](#) website

### UX Design Intern

Shenzhen Qianzhi Technology Co., Ltd.

09/2021 – 11/2021 | Remote

- Designed the instruction system for an app that contributed 10 times the annual revenue growth

### UX/UI Designer

Luckin Coffee Inc. [🌐](#)

01/2019 – 05/2019 | Xiamen, China

- Participated in the design and release of the first IoT dashboard design system

## SKILLS

### Research Methodologies

● ● ● ● ●

Quantitative, Qualitative, Case Study, Focus Group, Participatory/Exploratory/User-Centred Design

### Design and Prototyping

● ● ● ● ●

Figma, Sketch, Adobe Suite (PS, AI, InDesign, Premiere), Blender, C4D, Touch Designer

### Programming

● ● ● ● ●

C, C++, C#, Python, HTML, CSS, Javascript/Processing/P5.js

### Applications and Hardware

● ● ● ● ●

Unity, Unreal, NVIVO, Tableau, SPSS, Arduino, Raspberry Pi, Ableton live, Protopie

## AWARDS & HONORS

### Student Design Competition Finalist

MobileHCI 2022

10 of 40 Competitors (25%)

### Unity for Humanity Grant 2022 Top 20

Unity

Over 200 Competitors (10%)

### Ro Plastic Prize Finalist

Milan Design Week 2021

### 3rd Prize, Deecamp Artificial Intelligence Training Camp 2021 [🌐](#)

Sinovation Ventures

3 of 39 Competitors (7%)

### 2022 Graduate Award (€1,000)

Politecnico di Milano

### People's Choice Best Award (\$300)

UIST Student Innovation Contest 2021

### Bando Diritto allo Studio Grant 2019-2021 (€8,703)

Politecnico di Milano

## TRAININGS

**Polimi One-day Online Workshop: Machine Learning Pills for Designers**

**NASA Space Apps Challenge 2019**

**Free Code Camp Full Stack Web Development Certification**

**Deecamp Artificial Intelligence Training Camp Certification**

## LANGUAGES

Mandarian



English



Italian



German



## PUBLICATIONS

**H. Ye, R. You, K. Lou, Y. Wen, X. Yi and X. Tong, "I Keep Sweet Cats In Real Life, But What I Need In The Virtual World Is A Neurotic Dragon": Virtual Pet Designs With Personality Patterns.** Chinese CHI 2023 (**CHCHI 2023**), November 13--16, 2023, Denpasar, Bali, Indonesia.

X. Yuan, **H. Ye**, Z. Tang, X. Zhu, Y. Yao and X. Tong, "**RedCapes: Design and Evaluation of a Game Towards Improving Autistic Children's Privacy Awareness.**" Chinese CHI 2023 (**CHCHI 2023**), November 13--16, 2023, Denpasar, Bali, Indonesia.

**H. Ye**, C. Zhang, H. Xu, L. Ray and X. Tong, "**Twilight Rohingya: The Design and Evaluation of Different Navigation Controls in a Refugee VR Environment**," 2022 International Conference on Cyberworlds (**CW '22**), Kanazawa, Japan, 2022, pp. 142-146 [↗](#)

**H.Ye**, T. Wu, M. Fan, X. Tong, "**WooGu: Exploring an Embodied Tangible User Interface for Supporting Children to Learn Farm-to-Table Food Knowledge**," 2023 ACM Interaction Design and Children Conference (**IDC '23**) [↗](#)

**H.Ye**, R. You, K. Lou, X. Yi, X. Tong, "**PetGen: Design and Generation of Virtual Pets**," 2023 IEEE International Conference on Multimedia and Expo Workshops (**ICMEW '23**)

## REFERENCES

**Prof. Xin Tong**, Assistant Professor, Duke Kunshan University  
xt43@duke.edu

**Prof. Mario Covarrubias Rodriguez**, Assistant Professor, Politecnico di Milano  
mario.covarrubias@polimi.it

**Dr. Ran Zhang**, Research Scientist, Tencent Pixel Lab  
origamidance@gmail.com