

# Pepi Ng

yiqing.ng@gmail.com

[linkedin.com/in/pepi-ng-291a081ba](https://www.linkedin.com/in/pepi-ng-291a081ba)

<https://www.poopsypepi.com/>

## Summary

- Multi-disciplinary Creative Technologist passionate about physical computing, interactive experiences and concept-driven creative work
- 4 years of professional creative experience
- WINNER of 2023 MIT Reality Hack Hardware track
- Exhibited in Microscope Gallery, Grace Exhibition Space, U of Virginia

## Experience



### Youth Tutor

International Rescue Committee

Oct 2023 - Present (6 months)

- Provide middle/ high school students support with homework, English conversation practice and tutoring tailored to each student



### Physical Computing Intern

Smooth Technology

Sep 2023 - Present (7 months)

- Researching different emerging digital technology tools, softwares and hardware
- Prototyping for various multi-disciplinary and physical computing projects, installations and experiences



### Research Assistant

Parsons School of Design - The New School

Aug 2023 - Present (8 months)

- Research + prototyped for physical computational projects
- 3D modelling, printing, casting, hardware
- Helped with art installation set-up at various art and gallery spaces



### Physical Computing Intern

Buoy Studio

Jun 2023 - Present (10 months)

- Prototyped, built interactive, physical installations and experiences for clients
- Led research initiatives on Machine Learning (ML) algorithms, Application Programming Interfaces (APIs), and Extended Reality (XR) technologies.



### Teaching Fellow

Giant Machines

May 2023 - Aug 2023 (4 months)

- Mastered HTML, CSS, Javascript, Flask, Python

- Created engaging learning experiences catered to diverse student needs
- Collaboratively designed and co-taught a Fintech-Focus course and a Web Development bootcamp



## **XR Lab Assistant**

Parsons School of Design - The New School

Sep 2022 - May 2023 (9 months)

- Led class workshops and consultations regarding XR technology (VR, AR)
- Researched and designed different XR experiences



## **Creative Intern**

MOH Office for Healthcare Transformation (MOHT)

May 2022 - Aug 2022 (4 months)

- Led outreach events and created pitch decks
- Liaised with the Ministry of Education, mental health professionals, schools, vendors and organizations
- Led and conducted user research among youths
- Assisted with the UX design of two mobile and desktop platforms



## **Creative Intern**

Dentsu Isobar

Nov 2020 - Aug 2021 (10 months)

- Worked on Singapore's first virtual influencer
- Directed photoshoots and video shoots.
- Created assets for magazines, newspapers, AR Filters, social media and NFTs.
- Collaborated with big influencers and brands eg. Nike, Razor, Kim Robinson.
- Designed pitch decks for Coke, Mobile Legends, Standard Chartered Bank.

## **Education**



### **Parsons School of Design - The New School**

Bachelor of Fine Arts - BFA, Design and Technology

Aug 2021 - May 2025

## **Skills**

C++ • Machine Learning • Rapid Prototyping • Teaching • Web Development • Python (Programming Language) • Higher Education • Creative Coding • Physical Computing • 3D

## **Honors & Awards**

**Finalist for "Data is Art" Competition** - University of Virginia's School of Data Science

Mar 2024

Julia Daser's and my project, "Stained Underwear" was a finalist and is currently being exhibited at U of Virginia's School of Data Science till Dec 2024.

### **Exhibited in Microscope Gallery NYC - Microscope Gallery**

Mar 2023

My group consisting of Theingi Thann, Julia Daser and I exhibited our work "[a]synchronous" as part of the Quantum Art Exhibition, at Microscope Gallery

### **Exhibited in Grace Exhibition Space - Grace Exhibition Space**

Feb 2023

My interactive exhibition piece, "Build-Your-Own-Techno-Oriental World" aims to explore the stereotypical, and often, hypocritical ways, in which Western media often portrays and objectifies technologically-advanced Asian countries, specifically in cyberpunk movies and video games.

Learn more here: <https://www.poopsypepi.com/technoorientalism>

### **Most Creative use of Quantum Technology- IBM's Quantum Design Jam - IBM x The New School**

Oct 2022

My team (Theingi Thann, Julia Daser and I) created an immersive experience combining music, water, projections and code to explore Quantum systems.

View more: <https://www.poopsypepi.com/asynchronous>

### **Best in Hardware Track, Best in Technology Horizons for Human Interfaces and Grand Finalist - MIT Reality hack 2023**

Jan 2023

My team created a bluetooth jaw haptic device to create more immersive VR game experiences.

Learn more: <https://www.poopsypepi.com/i-llbyte>