

PEPI/YI QING NG

CREATIVE TECHNOLOGIST, COMMUNITY ORGANIZER AND FILMMAKER

CONTACT



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[LinkedIn Profile](#)



[YouTube Channel](#) with [Julia Daser](#)

SKILLS

Creative Technology:

C#, C++, Machine Learning, Rapid Prototyping, Web Development, Python, Creative Coding, Javascript, Arduino, Physical computing, hardware, 3D modelling and printing, fabrication, Adobe Creative Cloud, video-editing

Others:

- Teaching, community organizing

EDUCATION

Parsons School of Design

BFA Design and Technology,
minor in Global Studies

2021-2025

AWARDS

Winner of SpinMaster's Hackathon

Spinmaster Media

Mar 2024

Group consisting of [Julia Daser](#), [Grace park](#), [Victoria Hamman](#)

Grand Prize for Data is Art Open-Call competition

University of Virginia's School of Data Science

Mar 2024

For [Julia Daser's](#) and I's project, [Stained Underwear](#)

PROFILE

I am a NYC-based multimedia creative technologist, community organizer and filmmaker. I create conceptual physical installations that explore gender, global politics, technology and culture. Born and raised in Singapore, I am excited about sharing South-East Asian and global narratives that subvert the western perspective through my work- I am constantly exploring ways to collaborate and build communities to create a more empathetic future together. Together with my friend [Angie](#), I co-founded a community-driven, mutual-aid student organization called [Frugalicious Mamas](#). Our goal is to make sustainability and food accessible for our school and the broader NYC. My friend [Julia Daser](#) and I also run a [YouTube channel](#), where we post open-sourced hardware tutorials. We hope to increase female representation in this industry, and make hardware accessible. Recently, I have been exploring and experimenting with the roles of film and photography in telling stories and documenting customs, practices, rituals and cultures.

WORK EXPERIENCE

Student Employees at The New School-

United Auto Workers Union Representative

May 2024 - Present

The New School

- Organize union members and workplace leaders for greater student worker rights and benefits
- Filing and handling grievances
- Organizing and supporting union campaigns in the school, city and country

Co-founder of Frugalicious Mamas

[Frugalicious Mamas at The New School](#)

Feb 2022 - Present

- Frugalicious Mamas* is a community driven mutual aid initiative that aims to make sustainability and resource-sharing accessible for all
- Collaborated and liaised with various departments, student organizations and external non-profit organizations
- Past initiatives include food drives, art supply drives, food rescue and mentorship programs

Youth Tutor

[International Rescue Committee](#)

Oct 2023 - Present

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

Physical Computing Intern

[Smooth Technology](#)

Sept 2023 - May 2024

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

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AWARDS

Most Outstanding Student Organization of the Year

The New School

Apr 2024

Awarded to the student organization that I co-founded with Angie Li, [Frugalicious Mamas](#)

Grand Prize Hardware Track at MIT Reality Hack

Jan 2022

For my group's jaw haptic VR prototype *I'llByte*. Group consisted of [Julia Daser](#), [Grace Park](#), [Eloise Yalovitsner](#), [Beatriz Ribeiro](#)

Most Creative use of Quantum Technology- IBM's Quantum Design Jam

Oct 2022

For my group's [\[a\]synchronous](#) art installation. Group consisted of [Julia Daser](#), [Theingi Thann](#) and I.

EXHIBITIONS

Data is Art Open Call @ University of Virginia's School of Data Science

Mar 2023

For [Julia Daser's](#) and I's project, *Stained Underwear*

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

Grace Exhibition Space

Feb 2023

My interactive installation, [execution](#)

Grace Exhibition Space

Dec 2022

My interactive installation, [Build-Your-Own-Techno-Oriental World](#)

WORK EXPERIENCE

Research Assistant for John Roach and Katherine Moriwaki

Parsons School of Design - The New School

August 2023 - Present

- 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 Studios](#)

June 2023-Aug 2023

- 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

- 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

Freelance 3D artist

[Finding Pictures Singapore](#)

Jun 2022 - Aug 2022

- Directed, created 3D assets for animation screened in front of the nation during Singapore's National Day Parade (2022).

XR Lab Assistant

The New School

Sep 2022 - May 2023

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

Creative Intern

[MOH Office for Healthcare](#)

May 2022 - Aug 2022

[Transformation \(MOHT\) Singapore](#)

- 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

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PUBLICATIONS, OTHERS

Build Your Own IoT Love

Messengers @ SIGGRAPH 2024

July 2024

[Julia Daser](#) and I were invited to teach two workshops at SIGGRAPH 2024, where we taught participants how to build their own IoT Love Messengers.

[Research paper linked here.](#)

WORK EXPERIENCE

Head of Outreach and Social Media

Mental Health Collective Singapore

Sept 2020 - Aug 2021

- Organised a nation-wide Mental Health Webinar
- - Liaised and collaborated with different Social Service Agencies (SSA), NGOs & the government.
- - Directed outreach events and efforts
- - Edited videos, audio and visuals for social media
- - Led the design of the website

Creative Intern

[Dentsu Isobar](#)

Nov 2020 - Aug 2021

- 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.

Design and Marketing Intern

The School of Positive Psychology

Feb 2020 - Jun 2020

- Led outreach strategies
- Lead designer for newsletter and website
- Created content, motion graphics, illustrations, animations for social media platforms and online courses
- Increased Facebook follower count by 20000+, and Instagram follower count by 3000+