Charis Pang Wai Yue // Designer Teacher Explorer
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BIO

Charis Pang is a designer and teacher whose work aspires to bridge art and technology, solve problems and inspire joy. She enjoys learning through exploration and helping others.

Charis graduated with a BSc (Hons) in Creative Media and a minor in Psychology from CityU. Inspired by a class trip to the Mojave Desert, she scraped airport weather data from the web and built a robotic painting device responsive to wind speed and direction. Her FYP "Brain Wave Sonification" captured brain wave activity in real-time and converted it into harmonic music.

After graduation, she joined CItyU's technology incubator LUME where she worked designing user interfaces and building new musical instruments (Digital Drum Ball) as well as supervising the lab space and assisting in the management of exhibitions and live concert performances. Next, she moved to CityU's Wearable Innovation Lab where she prototyped wearable technologies using a toolkit of e-textiles, conductive fabrics, and 3D printing (Inflatable Bubble Dress).

Knowing how Hong Kong parents view their children's education as an investment in their future, Charis took her first entrepreneurial step and introduced after school and weekend courses to local primary school students under the banner "Creative Courses for Curious Kids." Through their participation, the children experienced the power of creative expression, increased their self-confidence, and explored their interests, all within a fun and supportive environment.

Charis introduced a new course Creative Code in response to an HSBC survey that reported 74% of parents believed that computer programming is a necessary skill in today's world. Creative Code encouraged students to exercise both sides of their brain, first drawing by hand, and then coding that sketch using the online JavaScript app p5.js. At MIT's 2018 Hacking Arts event, she teamed with a friend to build a "hands-on" prototype that generated code in response to color-coded blocks.

She recently returned from a 6-month stay in Boston where she improved her English and sharpened her creative skills at the Museum of Fine Arts and MIT's List Visual Arts Center. She now seeks a new opportunity that will allow her to contribute her background in and passion for design & teaching.

EDU

City University of Hong Kong BSc (Hons) Creative Media 2010-2013
The Degree combines core courses from the School of Creative Media and the Dept of Computer Science to produce graduates able to work in both the technical and artistic sides of the media field.

- Computer Science courses completed: Computer Programming. Software Design. Software Engineering Practice. Computer Graphics.
- Creative Media courses completed: Computer Animation for Interactive Content. Physical and Embedded Computing. Installation I. Mobile Media. Interactivity I.
- Psychology courses completed: Basic Psychology. Cognitive Psychology. Psychology of Childhood & Adolescence Learning & Behavior.

The Hong Kong Polytechnic University HD Multimedia Design & Technology 2006-2008
The programme offers a practical foundation for developing skills in multimedia technology, computer integrated design, communication and design management practices.

EXP

Creative Courses for Curious Kids   Course Creator & Instructor 2016 - present
Wearable Innovation Lab, SCM, City University of Hong Kong   Research Associate 2014-2015
LUME, School of Creative Media, City University of Hong Kong   Research Associate 2013-2014
City University of Hong Kong Career & Internship Office   Graphic Designer (p/t) 2011-2012
Hong Kong Society for the Blind   Audio Description Training Workshop 2011
Tung Wah Group of Hospitals   Volunteer Designer 2008
Hung Hing Off-Set Printing Company   Marketing Executive 2004-2006
Impact Digital Art Company   Animator 2000-2004

TOOLS

Adobe. Microsoft. Processing. Arduino. Fritzing. Maya. Laser Cutter. 3D Printer.

LINKS

Charis Pang Portfolio   < https://charispang.site/portfolio >