

# PHILIA CHUA

Bio-designer | Researcher | Architectural Designer

info@philiachua.com Greenwich, London  
@philia.chua +44(0)7709 265367

## Education

### Academic Achievements

- 2020 - 2022  
MArch in Bio-Integrated Design  
University College London, UK  
Distinction  
Highest Achievement / Best Student Award for MArch
- 2018 - 2020  
Masters in Architecture  
University of Greenwich, UK  
Distinction  
Outstanding Achievement in Architectural Technology
- 2015 - 2017  
Bachelor in Science (Hons) in Architecture  
Taylor's University, Malaysia  
Second Class Upper Honours
- 2014 - 2015  
Foundation in Natural and Built Environments  
Taylor's University, Malaysia  
High Distinction

## Co-curricular Achievements

- 2016 - 2017  
Malaysian Institute of Architects Student Committee  
Student Representative of Taylor's University
- 2014 - 2017  
Taylor's University Architecture Student Association  
President/Vice President and Workshop Leader
- 2014 - 2017  
Taylor's University Student-Staff Committee  
Class Representative
- 2015 - 2016  
Taylor's University Student Council  
Member of Campus Relations

## Work Experience

- 2020 - Present  
David Morley Architects, UK | Part 2 Architectural Assistant  
Involved in RIBA stage 0 to 5 works for residential, commercial, education, sports and health facilities.  
Assisted in design, pre-application documents, detail drawings, architectural competition research etc.
- 2021 - 2022  
University College London, UK | Post-graduate Teaching Assistant  
Assisted in preparing teaching material and organisation for Year 1 Environmental Design Module. Took charge of managing the Instagram account for MArch in Bio-Integrated Design Course.
- 2019 - 2021  
Arch4D Ltd., UK | Collaborative Work  
Involved in concept and design work, competitions and research.
- 2019 - 2020  
University of Greenwich, UK | School Support Assistant and Catalogue Production Assistant  
Provided assistance for School of Design in general administrative matters and events. Assisted students with university software and equipment. Involved in the editing of the School of Design Architecture End-of-Year Catalogues for 2019 and 2020.
- 2019  
David Morley Architects, UK | Part 1 Architectural Assistant  
Involved in RIBA stage 0 to 1 works. Assisted in architectural competition research and presentations.

## Software Skills

3D Modelling and Drafting  
Rhinoceros AutoCAD  
Microstation Open Buildings Designer  
Sketchup

Post-Production and Presentation  
Lumion Photoshop  
Premiere Pro InDesign  
Microsoft Office

Simulations and Analysis  
Houdini Autodesk CFD  
Ansys

## Languages

English  
Mandarin  
Malay

## Competitions

- 2022  
**Lisbon Triennale Universities Award Competition**  
Submitted a group entry under Visionaries category with a proposal to tackle rising sea levels in urban areas using robotically extruded biomaterial.
- 2020  
**Cool Abu Dhabi Challenge | Honorable Mention**  
Assisted in the production of an animation which showcased the design.
- 2020  
**Kiribati Floating Houses**  
Involved in research, design and final presentation board.
- 2019  
**Mozambique Preschool**  
Involved in research, design and final presentation board.

## Workshops and Events

- 2022  
**'Become a Bio-Designer', Drop-in Workshop for Families at Victoria & Albert Museum**  
Took part in the planning, bio-material design and production for the workshop. Volunteered to facilitate the workshop with the event team at V&A. Children and parents were invited to mould their designs with an algae-infused bio-material and learn about the significant capabilities of algae.
- 2020  
**Close from Afar by Resolve Collective + NOW Gallery, London Design Festival**  
Volunteered to assist in the construction of the installation led by Resolve Collective for NOW Gallery as part of the London Design Festival. Events and talks were held around the installation, exploring themes of community and future cities.
- 2014 - 2017  
**Malaysian National Annual Architecture Workshop**  
Led the student representatives as Workshop Leader. Coordinated submission material of various competitions in the form of drawings, physical models, installations, videos and performances. Hosted multiple workshop events as leading emcee.
- 2015  
**PavilionNOW Bamboo Workshop by Shalini Ganendra Fine Arts Gallery Residence**  
Collaborated with bamboo craftsmen of the Orang Asli (indigenous tribe in Malaysia), who provided expert knowledge into the preparation and usage of bamboo as a sustainable building material. Assisted in the construction of a bamboo installation.