



# CHRISTYASTO PRIYONGGO PAMBUDI

A designer, possessing a good background in CAD and several programming languages, with a strong interest in the interplay between design, fabrication, and computation. A hardworking, forward-looking individual with a desire to serve. Always looking forward to learning a new trade!



+6281315681547 | christyasto.chito@gmail.com

## PROFICIENCIES

### CAD

Rhinoceros



Grasshopper



AutoCAD



Revit



Adobe Softwares



### Programming

C#



HTML & JavaScript



Python



VBA



MySQL



### Others

Word, Excel, Powerpoint



Unity3D (AR)



## LANGUAGES

English  
full working proficiency

Bahasa Indonesia  
full working proficiency

Bahasa Melayu  
limited working proficiency

Javanese  
conversational

## EDUCATION

### Singapore University of Technology and Design

Bachelor of Science (Architecture)

Class of 2017 – cum laude

## WORK EXPERIENCE

### SUTD International Design Centre

April 2019 – June 2020

Research Officer

#### **Project: Living Forms: Mycelium-reinforced Fabric Composite (2-man team)**

*Submitted to BIODIG 2020, ACADIA 2020*

- Quick learning of new bio-material and analysis method (SEM)
- Prototyping & digital fabrication (3D print, laser-cut, CNC)
- Provide detail drawings for manufacturing instructions
- Liaise with an overseas lab for production schedule planning
- Research paper writing

### SUTD Meta Design Lab

March 2019 – April 2019

Temporary Research Officer

#### **Project: GHShot - Mass Participatory Design Tool (5-man team)**

- Assists in developing the Grasshopper component in C#
- Troubleshoot errors in data transfer to the cloud platform
- UI Improvements to make the component more user-friendly

### SUTD SURGe Lab

March 2018 – March 2019

Research Officer

#### **Project: Sustainable Urban Living (5-man team)**

- Liaise with engineers to design mobile furniture following their sensor requirements
- Void deck ambience lighting design & set-up
- Parts & manufacturer procurement

#### **Project: New Urban Kampung (6-man team)**

- Social web-app development (front-end [HTML & JavaScript])
- Front-end design for responsive multi-platform web-app
- Set up booth to promote app for user testing
- Research materials procurement

### AA Visiting School Bamboo Lab

Nov 2017, Nov 2018

Assistant Tutor

- Introduced students to CAD softwares and parametric design
- Assisted the Bamboo-based Architectural Design studio

# WORK EXPERIENCE

---

## Weijenberg

Freelance Developer

February 2018

- Assisted in website development (HTML, JavaScript) for minor fixes

## SUTD Advanced Architecture Lab

Student Researcher

May 2015 – Sept 2017

### **Project: Opossum (4-man team)**

- Assisted in developing a Grasshopper optimization component, written in C# (UI)
- Developed benchmarking plugin to log the performance of other optimization components

### **Project: Future of Us Pavilion (4-man team)**

- Digital Fabrication & Manufacturing of parts
- Physical model making

## Arup Singapore Pte Ltd

May – Sept 2016

University Intern

- Developed in-house program to optimize scheduling processes (C#)
- Facade detail drawings, construction sequence, parametric design

## W Singapore – Sentosa Cove

Feb – May 2014

Part-time Waiter

- Waitering service for the hotel restaurant and banquets

# ONLINE COURSES

---

Codecademy.com

Java

- to be edited once I'm done with them

# COMPETITIONS

---

International BIM Competition (2016) Participation

ISTD Receptionist Design (2016) 2nd Place

BCA Productivity Challenge (2016) Participation

EVOLO (2017) Participation

TATA Customer Service Centre Design (2017) 1st Place

Founder's Memorial (2019) Participation