Christyasto Priyonggo Pambudi

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ABOUT

A designer, possessing a good background in Computer-Aided Design (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!

EXPERIENCES

SUTD International Design Centre   (April 2019 - June 2020)
Research Officer

- Led in the investigation of new biomaterial potential as a building material.
- Co-author of the research paper produced.
- Managed overseas lab production scheduling and planning.
- Designed and conducted prototyping & digital fabrications (3D-Print, Laser-cutting).
- Adopted learning of new skills required for biomaterials and analysis methods (electron scanning).
- Developed a plugin for pixel analysis for biomaterial sample as well as form-making plugin for final product.

SUTD Meta Design Lab   (March 2019 - April 2019)
Temporary Research Officer

- Assists in developing 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

- Front-end design and development for responsive multi-platform web-app
- Set up booth to promote app for user testing
- Research materials procurement
- Furniture design, fabrication, and procurement

AA Visiting School Bamboo Lab   (November 2018 - November 2018)
Assistant Tutor

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

SUTD Advanced Architecture Lab   (May 2015 - September 2017)
Student Researcher

- UI Development on a Grasshopper optimization component written in C#
- Developed a benchmarking plugin to log the performance of other optimization components in the market
- Digital fabrication & manufacturing of parts for several architectural projects
- Architectural model making

Arup Singapore Pte Ltd   (May 2016 - September 2016)
University Intern

- Developed in-house program to optimize scheduling processes in C#
- Building façade detail drawings, construction sequence, parametric design

W Singapore - Sentosa Cove   (February 2014 - May 2014)
Part-time Waiter

- Waitering service for hotel restaurant and banquets

EDUCATION

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

May 2014 - September 2017
3.36/4.00 - Cum Laude

Architecture and Sustainable Development – B.Sc. (Architecture)

- ExCom of Taekwondo Club for 2 years
- Member of SUTD choir

COMPETITIONS

Singapore Founder's Memorial Design Competition	March 2019
TATA Customer Service Centre Design 1st Place	March 2017
EVOLO 2017	January 2017
ISTD Receptionist Design 2nd Place	September 2016
International BIM Competition 2016	August 2016

SKILLS

- Competent in 3D Computer-Aided Design software such as Rhinoceros, Grasshopper, AutoCAD.
- Competent in Adobe Creative Cloud products – Photoshop, Illustrator, InDesign, Audition
- Working experience with programming languages C#, C++, HTML, JavaScript, EJS, Python, Java, with exposure in VBA and MySQL
- Competent in Microsoft Office Programs – Word, PowerPoint, Excel