

Dear Sir/Madam:

I write in response to your advertisement for an Architectural position according to the description on the A49 Careers, 31 July 2021. In accordance with your requisites, I'm confident that I'm a suitable candidate for this job.

I graduated from the International program in design and architecture at Chulalongkorn University with a Bachelor of Science in Architectural Design. You can see the detail of my education in the resume that I have studied Architectural Design and have also taken several workshops and many other relevant courses from generative programming and space visualization to additional computer science. I've also had experiences abroad, so I can assure you that my English and computer skills, as well as adaptability and self-driven, are two of my strengths.

I strongly believe I am the right person for your company. Your innovation in design approach is truly inspirational. Your attention to every small detail from choosing colors, materials, design fabrication, and re-thinking architecture environments are things about your company that I highly appreciated. With my background, skills, and expertise, I'm confident that I can positively leverage and fulfill what is lacking in your organization. I believe in the imaginative, holistic, creative, and playful design approach of your company and hope that I will be a perfect choice as my record shows.

My specialty ranges from procedural, semantic, performative, generative, Sub-D parametric modeling, and complex digital fabrication. I can offer load testing, sunlight radiation analysis, wind flow, acoustic simulation, and circulation efficiency measuring for your architectural design spaces, constructions, and buildings to greatly enhance the capability of your multi-scale projects. I also provide variations of machine learning-based design integrations, such as structural optimization and floor area management. The many applications could help reduce work hours, material usage, and lower construction costs while maintaining high competency.

Currently, I'm practicing in Bangkok but I'm also looking for opportunities to expand my career internationally. I'm open to hearing about the company's expectations and would like to get in touch with the team.

You can contact me any time via email. I'm looking forward to hearing from you.

Sincerely,

Settawut Leenavong

## Test Report Form

ACADEMIC

**NOTE** Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.

Centre Number

TH001

Date

29/OCT/2020

Candidate Number

006480

### Candidate Details

Family Name

LEENAVONG

First Name

SETTAWUT

Candidate ID

1100801023758



Date of Birth

06/04/1995

Sex (M/F)

M

Scheme Code

Private Candidate

Country or Region of Origin

Country of Nationality

THAILAND

First Language

THAI

### Test Results

Listening

8.0

Reading

8.0

Writing

6.5

Speaking

8.0

Overall Band Score

7.5

CEFR Level

C1

Administrator Comments

Centre stamp



Validation stamp



Administrator's Signature

Date

03/11/2020

Test Report Form Number

20TH006480LEES001A

# SETTAWUT LEENAVONG

Generative Architect / Computational Designer

## DETAILS

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### ADDRESS

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Khlong San, Khlong Ton Sai,  
Bangkok, 10600, Thailand

### PHONE

+(66)894499966

### EMAIL

settawut.leenavong@cuinda.com

### DATE / PLACE OF BIRTH

06 April 1995  
Bangkok, Thailand

### NATIONALITY

Thai

## LINKS

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[Portfolio](#)

[Personal Website](#)

[Instagram Portfolio](#)

[Facebook Portfolio](#)

## SKILLS

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Rhinoceros3D

Grasshopper3D

C / C# / Python

HTML / CSS / JavaScript

## PROFILE

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I'm Chokoon from Bangkok, Thailand. I'm a Designer, Artist, and Architect specializing in computational design. My work is an integration of Art, Science, Technology, and Personality. I enjoyed playing and contesting with multiple scales from Art on Canvas, Toys, Jewelry, Furniture, Installation, Pavilion design to Architecture, and Building.

I always seek for new unconventional ways of thinking and express them through my production. Successively to challenge and design with innovation in aesthetic and harmony with one of the many purposes of bringing art to the new height and pushing Architecture beyond its conventional boundaries. Every piece and project is a joy of mine.

## EDUCATION

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**Bachelor of Science, International Program  
in Design and Architecture (INDA),  
Chulalongkorn University** Bangkok  
May 2013 — Jun 2017

**Patumwan Demonstration School, English  
Program** Bangkok  
Feb 2008 — Mar 2013

**University of Melbourne, Hawthorn Campus** Melbourne  
Apr 2010 — May 2010

**Earl Marriot Secondary School** Vancouver  
Apr 2008 — May 2008

## HONORS AND AWARDS

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SQL Database

Archicad

Autodesk Maya

V-Ray / Lumion

Keyshot

Adobe Photoshop

Adobe Illustrator

Critical thinking and problem solving

Flexibility and Adaptability

Leadership

Effective Time Management

Active Learning

Enthusiastic

Highly Motivated

Positive Mindset

## LANGUAGES

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Thai - Native Speaker

English - Highly Proficient

Korean - Basic

## HOBBIES

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Computing & Innovation,  
Fashion & Product  
Design, Management &  
Entrepreneurship, Exercise &  
Sports, Puzzles, Reading,  
Playing Piano, Travelling,  
Cosmology, Write Design Blog

### 2018 Solidscape Gold Design Award - "Monstera Ring"

2018

Solidscape 3D Printing Jewelry Design Competition at JCK Las Vegas.

### Exhibition and Super Crit at Makkasan Station - "Prasiolite State"

2017

The project was selected to exhibit and super crit at INDA Year-end Exhibition at Makkasan Station, Bangkok.

### 2017 International Graduation Exhibition at Kuala Lumpur - "Prasiolite State"

2017

The project was selected to exhibit at Year-end Exhibition at International Graduation Exhibition in Kuala Lumpur.

### Design Excellence Award - "Spider Behaviour"

2016 — 2017

The project won an INDA Year-end Design Excellence Award.

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## PROFESSIONAL EXPERIENCE

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### Project Coordinator - "Tour From Home"

Apr 2020 — Jul 2020

The Virtual Tour project was funded by the Thai Health Promotion Foundation to help assist Thai guides during COVID-19. The project implements AR, VR, and photogrammetry to help promote tourism landmarks.

### Collaborated Installation with Conscious Studio - "Unwasted Memories"

Mar 2020 — Jun 2020

The installation utilizes over 1,000 recycled CDs in the office campus to construct a hologram letter of Sathorn in Thai.

### Bangkok Design Week 2020 Exhibition - "The Last Dweller"

Feb 2020

Participated in an Annual Exhibition by constructing a multimedia experiential space with corrugated galvanized iron sheets at Talad Noi.

## **Wonderfruit 2019 Collaborated Proposal with Thor. Kaichon Studio - "Filter Machine"**

Sep 2019 — Dec 2019

The proposal was a bamboo structure pavilion that also acts as a stage and an amphitheater. The concept reaches the concern of the persisting PM2.5 pollution crisis in Thailand during the past year.

## **Hotel Art Fair 2019 Exhibition - "Engine that Breathes"**

Jun 2019

The aluminum bending installation was designed in collaboration with BMW Barcelona Motor and exhibited in the event Hotel Art Fair 2019 at W-Hotel in Bangkok.

## **Co-Partnership Office to Showcase Work at Suanluang Square**

Jan 2019 — Present

Co-Partnership with Abbok Design Studio, a 2-floor office block at Suanluang Square to showcase art, lamps, and jewelry original design as well as host workshops.

## **Collaborated Light Installation with Yimsamer Studio - "Totem 2.0"**

Nov 2018

The installation was designed to display at the Tiger Beer's first global event in Seoul, South Korea, "Tiger Roar" as well as exhibited at Bangkok Design Week 2019.

## **Participated in The Proposal of Recreational Train Park at Chiang Mai**

Oct 2018

Generate and load testing the skywalk, design parametric vernacular brick walls as well as implementing augmented reality to use test architecture on the physical site.

## **Featured Artist at "KHUN by yoo inspired by Starck"**

Sep 2018

Design and generate portrait artwork of over 100 guests and printed onto the customized champagne bottle during the first branded condominium opening event by Sansiri.

## **Design "Medium and More" Plan at Samyan Mitrtown**

Apr 2018 — Sep 2018

Medium and More is a 1,780 sq.m craft supplies store. The project requires plan design, zoning, and optimize shelf arrangements for retails and workshop spaces.

## **Solo Art and Jewelry Exhibition at Surface Kitchen**

Sep 2017

Print on canvas architectural artworks and 3D printed Jewelry were exhibited at the Surface Kitchen in Sukhumvit.

## **Hotel Art Fair 2017 Artwork Exhibition**

Jun 2017

First exhibition after graduation. Printed architectural artworks exhibited as group exhibition under the concept of "The struggles in the land of smiles" at Volve Hotel Bangkok curated by Chalee Kader.

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## **PUBLICATIONS AND PRESENTATIONS**

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### **News Reports - "Tour From Home"**

Apr 2020 — Jul 2020

The Virtual Tour project was promoted on several news reports including newspaper publication for Daily News as well as on the website; Thai PBS, Nation TV, Techsauce, Naewna, and Thaihealth.

### **Design Matters Web Publication - "COVID-19 Pavilion"**

Apr 2020

COVID-19 Pavilion is a design concept that features the virus as the play object enclosure. The project was published on designmatters-magazine.

### **Designboom Web and Instagram Publication - "U\_nderscore Series"**

Dec 2019

U\_nderscore Series is a set of computationally generated portrait artwork constructed with alphabets in various font styles and languages to match each individual's name.

### **Designboom Web Publication - "Prasiolite State"**

Feb 2019

Prasiolite State is my thesis project at INDA. The architecture is vegetation bearing shells that offer a variety of functions relative to the intensive forces that surround its site under the BTS Skytrain tracks in Sathorn.

### **The Archiologist Web Publication - "Prasiolite State"**

Feb 2019

The thesis project was also published on The Archiologist.

### **Web Article as Featured Artist at "KHUN by yoo inspired by Starck"**

Sep 2018

Computer-generated portrait artist for event guests. Mentioned by several reports including Nation TV, Sansiri, and Pressreader.

### **2018 Solidscape Gold Design Award Interview - "Monstera Ring"**

Jul 2018

The Monstera Ring was inspired by the aesthetic and irregularity of the swiss cheese plant Monstera Deliciosa. It's delicate and thin ruffled layers were perfectly reproduced by the Solidscape high precision 3D printer.

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## **EXTRACURRICULAR AND VOLUNTEER EXPERIENCE**

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### **Completed CS50x 2021 Introduction to Computer Science by Harvard edX**

Jan 2021 — Apr 2021

Certificate of completion in CS50x, including ten problem sets, ten labs, and one final project. Awarded from Cambridge, Massachusetts. Instructed by David J. Malan of Harvard University.

### **Participated in AA Visiting School Shenzhen 2020 Instructed by Soomeen Hahm**

Aug 2020

Online Visiting School taught by AADRL graduates. The workshop investigates the application of data-driven/ computational design methodologies in the design of new infrastructure hub prototypes in Shenzhen.

### **Teaching Assistant and Guest Critic at The Faculty**

Aug 2017 — Apr 2018

Participate in teaching year 1 student basic architectural practice and software; Rhinoceros3D and Grasshopper3D as well as being a guest critic for Midsemester year 4 project presentations.

### **Design Paper Mask for "Untitled" New Year Celebration Event**

Dec 2016

Design and produce paper animal mask to be included as a workshop activity at "Untitled" which is a barter economy New Year themed event organized by faculty undergraduates.

### **Architect and Designer of "Rama 9 Community Children Development Center"**

May 2016 — Jul 2016

Team project renovation of the children development center by constructing the ceiling waffled structure and renovating bathroom, light, and air services.

### **Participated in Justin Diles' "Thick Pattern" Workshop**

Jan 2016

First introduction to Grasshopper3D and Maya software. The workshop design self-structuring walls and pavilion under the concept of stone stacking in architecture.

### **Participated in INDA "Open House" Exhibition**

Nov 2015

Setting up and decorate the space for alumni and undergraduates annual open house exhibition at the faculty library.

### **Project Manager of "Meteore" Designbuilt light Installation**

Jun 2015 — Aug 2015

INDA office 3.8m high wall decoration with translucent plastic sheet folded into geometrical aggregations to light up the dim atmosphere of the space for welcoming visitors

### **Design Promotional Materials for Cheer Activity at The University**

Jul 2014

Design Mario pixel themed artwork on signs, crew shirt, as well as on website promotional materials for house DuiDui freshman at the university.

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## **EMPLOYMENT HISTORY**

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### **Founder, CHOKOON**

Bangkok

2019 — Present

### **Architectural Designer, Tott & Sari Designs**

Bangkok

Apr 2018 — Sep 2018