SUTHINEE CHAROENSAWASD

Date of Birth   02/01/1993
Nationality   Thai
Language   Thai (Native) | English | Italian

Tel   089 796 9687
Email   newsuthinee@gmail.com
LinkedIn   https://www.linkedin.com/in/suthineecharoensawasd

Education

2019 - 2021   **M.Arch**: Architecture and Urbanism – Design Research Laboratory (AADRL)
               Architectural Association – London, United Kingdom

2011 - 2016   **B.Arch**: Department of Architecture (5-year programme)
               Faculty of Architecture, Chulalongkorn University – Bangkok, Thailand

Work Experience

2021   **Guest Tutor: Algorithmic & Parametric Design**
        Integrated Design in Emerging Architecture (B.Sc.) - Faculty of Architecture, Chiang Mai University

- Taught a foundation of computational design to build an understanding on parametric and algorithmic design for architecture.

- Provided tutorial sessions on Rhino basics, Grasshopper basics, form-finding with physics simulation, subdivisions & topological modelling, and structural analysis through a digital workflow.

2018 - 2019   **Computational Designer**
               DesireSynthesis Co., Ltd – Bangkok, Thailand

- TCDC Installation, Bangkok Design Week 2020
  - Manipulated complex art forms through transformation matrix to create installation sculptures.

- SC Asset Corporation PLC's housing estate
  - Analysed land-use planning iterations from CA and path finding for housing masterplan.

- eVolo 2019 Skyscraper Competition
  - Generated exoskeleton iterations with topology optimisation and developed facade patterning from view optimisation & sunlight analysis.

2017 - 2019   **Architect**
               Bangkok-based, licensed architect: Assoc.Arch.20617 (Architect Council of Thailand)

- Office Buildings / Mixed-use Buildings / Private Residences, Bangkok
  - Discussed project briefs, performed site survey, and analysed criteria & regulations.
  - Proposed a systematic space planning and material expression to promote spatial experiences.
  - Developed the projects from schematic design to tender.
  - Developed architectural details and spatial experience design & decorations.
  - Collaborated with interior designers, engineers and contractors.

2016 - 2017   **Full-Time Architect**
               EAST Architects Co.,Ltd – Bangkok , Thailand

- Design development of low-rise & high-rise residential projects in Thailand with explicit architectural and structural details.
  - Designed main structural layout, architectural planning, and construction details.
  - Communicated with interior designers, engineers, contractors, and district administrators.
  - Led a team of intern to carried out permit & construction drawings.
  - Delivered detailed design, construction drawings, and shop drawings during construction phase.

2014   **Architectural Intern**
        Steven J. Leach, Jr. & Associates Limited – Bangkok Branch, Thailand

- Analysed site conditions, criteria, and regulations.
- Carried out schematic design to design development.
- Designed facade and landscape options through hand sketches and digital 3D models.
- Assisted in the post-production processes and project presentations.

Profession - Related Experience

2020	**Dream Flake**
	DesignMorphine – Webinar

- Explored polygonal unit modelling, mesh blending and tweening, mesh painting, subD modelling, and morphing with subDs, meshes, and nurbs to produce highly ornamented and interconnected objects.

2020	**Spatial Synthesis**
	DesignMorphine – Webinar

- Explored polygonal space morphing from low poly meshes with morphing techniques and generated living cell typologies.

2020	**Form Finding & Structural Design: RhinoVAULT2**
	DigitalFUTURES WORLD – Block Research Group, ETH Zurich

- Developed funicular form finding from a collaboration in architecture, engineering and digital fabrication: thrust, form, and force diagrams.

2018	**Computational Design: Symbiotic Individuality**
	Desiresynthesis & Wecosystem – Bangkok, Thailand

- Built up my understanding on agent-based computational design and Grasshopper scripting.

2016	**International Student Tall Building Design Competition** (Semi-Final)
	CTBUH: Council on Tall Buildings and Urban Habitat

- Proposed my undergraduate thesis, the 'Elevated Leisure', within the topic of creative & innovative building for urban scenario. By creating a new high-rise typology for urban recreations, the project focused on the integration of user experiences and an establishment of circulation and structural system.

2015	**Renovation & Design: Saint Honoré Office Building**
	École Nationale Supérieure d'Architecture de Versailles (ÉNSAV) – Paris, France

- Worked with ÉNSAV students on a renovation of an office building into a work-life balanced, vibrant residential and commercial building.

2014	**Service Design: High-Speed Train Station**
	Thailand Creative & Design Center (TCDC) – Bangkok

- A team-based design focused on speed (time-spending) in the train station for serving users less time and faster trip to their destinations.

Skills

BIM / 3D / 2D		Scripting / Programming		Adobe	
Revit	7 yr	Grasshopper	3 yr	Photoshop	7 yr
Maya	3 yr	Unreal Engine	1 yr	InDesign	6 yr
Rhino	3 yr	Unity	0.5 yr	Illustrator	2 yr
KeyShot	1.5 yr	C# / C++	0.5 yr	After Effects	2 yr
SketchUp	6 yr				
AutoCAD	7 yr				

References

Dr. Theodore Spyropoulos
AADRL | Director
spyropoulos_th@aaschool.ac.uk

Shajay Bhooshan
Zaha Hadid Architects (ZHA) | Senior Associate
AADRL | Studio Master
Shajay.Bhooshan@zaha-hadid.com

Saenawee Chatameteewong
DesireSynthesis Co., Ltd | Director
saenawee@gmail.com

Pirast Pacharaswate
EAST Architects | Chairman
lpirast@chula.ac.th