TIM COUSIN

MIT SA+P
tcousin@mit.edu | +33 6 14 70 37 57

EDUCATION

Massachusetts Institute of Technology
Cambridge MA, USA
Master of Architecture Candidate, 2023
Current GPA : 5,0
09.2019
Current

The University of Tokyo
Tokyo, Japan
Exchange Student
GPA : 5,0
09.2016
08.2017

Swiss Federal Institute of Technology
Lausanne, Switzerland
Bachelor of Science in Architecture
GPA : 4,4
09.2014
08.2017

RESEARCH EXPERIENCE

Digital Structures, MIT
Research Assistant
- Developped computational workflows to upcycle tree forks into new structures.
- Investigated digital and analog fabrication strategies for upcycled fork assemblies.
- Led preliminary research for the development of a grasshopper tool to enhance computational upcycling workflows. - Prototyped optimized wooden beams.
03.2021
Current

Block Research Group, ETH Zurich
Research Assistant
- Worked on the design development of a pavillion and prototyped the KnitCrete construction system in coordination with the computational model in COMPAS
09.2020
01.2021

ARCHITECTURAL PRACTICE

ROOFSCAPES
Co-Founder
- Co-Founded Roofscapes, a venture developping green roof solutions to mitigate the impact of climate change in urban centers.
- Roofscapes raised 35'000$ and grew to a pluridisciplinar team of nine.
12.2019
Current

MARCH Studio, Melbourne
Architectural Designer
- Led the conceptual design and design development of a villa.
- Operated the fabrication shop and produced full scale timber facades prototypes.
09.2018
02.2019

COBE architects, Copenhagen
Architectural Intern
- Led the design of a facade, created parametric models used by the developping team.
- Worked in a competition team of 4 to design a complex in mass timber.
03.2018
07.2018

LOCALARCHITECTURE, Lausanne
Architectural Intern
- Led the conception and supervised the construction of complex wood carpentery works for a school extension. - Led a competition for large scale wood housing.
09.2017
03.2018

Junya Ishigami & Associates, Tokyo
Intern + Part Time
- Collaborated on the design of the exhibition «Freeing Architecture» at the Fondation Cartier in Paris. Initiated the project as the first intern to join the team.
01.2017
07.2017

Onishi + Hyakuda, Tokyo
Architectural Intern
- Led the concept design of a community center in Higashine.
- Produced a series of concept models which were featured in GA Japan 153.
03.2017
04.2017

TEACHING EXPERIENCE

MIT SA+P
CORE II Studio Teaching Assistant
- Developped the Studio program with the instructors, held design deskcrits with students along the semester, conducted research on up-cycling materials in design.
09.2019
12.2021

MIT SA+P
Shop Monitor
- Assisted students and staffs with the maintenance and operation of range of fabrication equipments.
09.2019
12.2021

Art Culture and Technology 4.341, MIT
Teaching Assistant
- Assisted the teaching of the Photography studio. Helped the students developp individual projects around Photography and related digital media.
02.2021
12.2021

Lab for Digital Culture in Architecture, EPFL
Teaching Assistant
- Tutored for the geometry, and introduction to parametric design and digital fabrication class of Prof. Bernard Cache.
09.2014
07.2015

AWARDS & EXHIBITION

The Society of American Registered Architects
Excellence Prize I Awarded SARA's highest prize for the project «Last Ice Lullaby»
11.2020

The Architecture Master Prize
Best of Best I Awarded AMP's highest distinction the project «Last Ice Lullaby»
10.2020

MIT DesignX 2020
Winner I Selected to join the 2020 cohort with a 15'000$ grant (Roofscapes)
12.2019

First Prize I Awarded 5'000$ for the best project upon graduation (Roofscapes)
06.2020

Seoul Biennale of Architecture & Urbanism
Winner I Won the call for proposal and co-led the design of a pavillion (Roofscapes)
09.2021

AZ Awards 2021
Award of Merit I Awarded for the project «the Stack Politic»
03.2021

Rotch Gallery
Shingle Nest I Exhibited a 1:1 instalation showcasing wood upcycling strategies
11.2021

Keller Gallery
Desktop Exhibition I Displayed the «Bricolage Chair» built with up-cycled tree forks
12.2021

MIT Art, Culture & Technology
TA of Distinction I Awarded «for consistent excellence in Teaching Assistantship»
05.2021

Hut Festival Competition
Winner I Won competition and built a wooden pavillion in a regional park (team of 3)
07.2016

Urban Lab
Winner I Joined the incubation program of the Laboratory for Urban Experimentation of the city of Paris to deploy a prototype in-situ (Roofscapes)
02.2020

24h Competition
Honorable mention I For the proposal «The ruins of the information society»
05.2016

Lemon Gasui Award
Winner I Exhibited among the best student projects selected accross Japanese universities
05.2015

SKILLS

Modelling Software	Rhino, Vray, Autocad, Vectorworks, Sketchup	**Computation**	Grasshopper, Python
Editind Software	Photoshop, Illustrator, Indesign	**Language**	French (Native), English (Fluent)
Digital Fabrication	KukaPrc, MasterCam, RobotMaster, Omax		German (Advanced)