

YANG YANG

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EDUCATION

2020 - Now Systems Engineering, Cornell University, Ithaca, NY, USA
2018 - 2020 College of Architecture Art Planning, Cornell University, Ithaca, NY, USA
2016 ETSAB, Barcelona School of Architecture, UPC, Barcelona, Spain
2010 - 2017 College of Architecture and Urban Planning, Tongji University, Shanghai, China

Degrees

Expected in 2023 Ph.D., Systems Engineering, Cornell University, Ithaca, NY, USA
2020 M.S.AAD., Advanced Architectural Design, Cornell University, Ithaca, NY, USA
2017 M.Arch., Architecture, Tongji University, Shanghai, China
2014 B.Eng., Architecture, Tongji University, Shanghai, China

EMPLOYMENT

2021 Graduate Research Assistant, Civil & Environmental Engineering, Cornell University, Ithaca, NY, USA
2019 May-Aug Teaching Associate, College of Architecture Art Planning, Cornell University, Ithaca, NY, USA
2019 - Now Graduate Research Assistant, Environmental Systems Lab, Cornell University, Ithaca, NY, USA
2017 - 2018 Junior Architect, Tongji Architectural Design Co., Shanghai, China

PUBLICATIONS

Yang, Y., Li, Y., Kral, K., Hupert, N., Dogan, T., 2021. Urban design attributes and resilience: COVID-19 evidence from New York City. *Buildings and Cities* 2, 618–636. <https://doi.org/10.5334/bc.130>

Yang, Y., Samaranayake, S., Dogan, T., 2020. An Adaptive Workflow to Generate Street Network and Amenity Allocation for Walkable Neighborhood Design. *Proceedings of the Symposium on Simulation for Architecture and Urban Design 2020*. <https://doi.org/10.7298/bmn8-0y37>

Dogan, T., **Yang, Y.**, Samaranayake, S., Saraf, N., 2020. Urbano: A Tool to Promote Active Mobility Modeling and Amenity Analysis in Urban Design. *Technology|Architecture + Design* 4, 92–105. <https://doi.org/10.1080/24751448.2020.1705716>

Yang, Y., Samaranayake, S., Dogan, T., 2019. Using Open Data to Derive Local Amenity Demand Patterns for Walkability Simulations and Amenity Utilization Analysis. Presented at the 37 Education and Research in Computer Aided Architectural Design in Europe and XXIII Iberoamerican Society of Digital Graphics, Joint Conference (N.1), Editora Blucher, Porto, Portugal, pp. 665–674. https://doi.org/10.5151/proceedings-ecaadesigradi2019_627

SCHOLARLY WORK

2020 May Workshop Presenter, Symposium on Simulation for Architecture and Urban Design.
Topic: Urbano: A Tool to Promote Mobility Aware Urban Design
2019 Nov Webinar Presenter, Performance Network.
Topic: Urbano: Mobility Modelling and Simulation in Grasshoppers

FELLOWSHIPS / AWARDS

2020 Cornell Atkinson Small Grants Program Annual Funding Recipients
2020 M.S.AAD Award for Outstanding Performance in Architecture
2019 The Mary Miller Lyons Graduate Fellowship in Architecture

2019 NY Upstate Chapter of the American Planning Association Award for Outstanding Student Project
2017 Outstanding Graduates Award
2017 Young Architect Design Competition for Suqian City, 1st Prize
2016 International Student Urban Design Competition for Shanghai Railway Station, 3rd Prize
2015 National Scholarship for Graduate Student
2014 Academy Award of the Department
2013 East Asia Architecture and Urban Planning Competition, 2nd Prize