

Helena Hang Rong

hhr2112@columbia.edu / +1 607 372 7588 / LinkedIn: helena-rong-94a85068

BIOGRAPHY

Helena H Rong is an urbanist and designer with interdisciplinary training. Her research lies in the intersection of digital technology, collective intelligence and architecture and urbanism. Prior to her studies at Columbia GSAPP, she has received her Master of Science in Urbanism (SMArchS) degree from MIT and Bachelor of Architecture from Cornell University, where she graduated with the Charles Goodwin Sands Memorial Silver Award (1st Place Thesis Award). Rong has led a number of research publications in peer-reviewed journals such as *Buildings*, *European Transport Research Review* and *Landscape Architecture Frontiers*. Her work has been featured on platforms such as *ArchDaily*, *WallPaper* magazine and *Bustler*, and exhibited internationally at Haus der Architektur Graz, Shenzhen Biennale 2019, solo exhibition in New York among others. Rong works as a Research Associate at the MIT Real Estate Innovation Lab, where she leads the “Value of Design” research pillar, studying the impacts of architectural design features on commercial real estate asset pricing. Previously, Rong was a researcher at the MIT Senseable City Lab, where she has designed and built an AR engagement platform for an exhibition for Roboat, the first fleet of autonomous boats in Amsterdam, and led the development of a model for travel optimization to museums in Amsterdam using autonomous waterborne vehicles. Rong is the founder of CIVIS Design and Advisory LLC, a design and research practice based in Boston and Shanghai that engages in multi-scalar and interdisciplinary projects. Through working at design practices such as OMA Rotterdam Headquarters, SOM New York and Neri+Hu Design and Research Office in Shanghai in the past, Rong has gained professional experience in both architectural and urban design in an international context.

EDUCATION

Columbia University in the City of New York, GSAPP, New York, NY | GPA: 4.0/4.0

[Expected 2024] Doctor of Philosophy in Urban Planning

- Full tuition fellowship
- Research interest: Smart City, Smart Citizen, Collective Intelligence, Urban Technology, IoT, New Media, Big Data

Massachusetts Institute of Technology, SA+P, Cambridge, MA | GPA: 4.7/5.0

[June 2019] SMArchS in Architecture and Urbanism

- Selected for reception of **2017-18 MIT Office of the Dean for Graduate Education Full Tuition Ida M. Green Fellowship** (one of the nine first-year graduate students from MIT to receive the award)
- **2018-19 MIT Departmental Graduate Full Tuition Scholarship**
- Master's Thesis: *Designing with Data: Collective Intelligence in Urban Design*, advised by Miho Mazereeuw and Sarah Williams

Cornell University, College of Architecture, Art and Planning, Ithaca, NY | GPA: 3.83/4.00

[May 2017] Bachelor of Architecture, Magna Cum Laude

- Concentration in Visual Representation
- Studied abroad: Cornell in Rome Program [Spring 2015] and Travelling Studio to Havana, Cuba [Fall 2016]
- **Dean's List** [Fall 2012, Spring 2014, Spring 2015, Spring 2016, Fall 2016, Spring 2017]
- **First Place Thesis Award Charles Goodwin Memorial Award Silver Medal**
- Bachelor's Thesis: *Surgical Acupuncture: A Case Study in Sao Paulo*, advised by Andrea Simitch and Julian Palacio

RESEARCH EXPERIENCE

MIT Real Estate Innovation Lab, Cambridge, MA

[August 2019 - Present] Research Associate/Research Lead; [September 2018 - June 2019] Research Assistant

- **Value of Design:** research lead for the study of incorporating architectural and urban design characteristics into conventional financial hedonic asset-pricing models to calculate the financial sales and rent premium on commercial properties in Manhattan
- First author of “Value of Design in Real Estate Asset Pricing” co-authored with Dr. Andrea Chegut, Minkoo Kang, and Juncheng Yang; presented at AsRES Conference in Shenzhen, China July 2019, World Real Estate Economic Forum 2019, City+, TU Delft 2019, and AIA New Hampshire Annual Meeting 2019, Tongji University School of Design, published in MDPI peer-reviewed journal *Buildings*
- Reference: Andrea Chegut achegut@mit.edu

MIT Urban Risk Lab, Cambridge, MA

[March 2020 - July 2020] Research Associate

- **Broward County Smart City Strategy Research:** research into applying smart city strategies and applications in Broward County's mobility upgrade with attention to resilience and equity
- Reference: Miho Mazereeuw mmaz@mit.edu

MIT Senseable City Lab, Cambridge, MA

[February 2018 - May 2019] Research Assistant

- **Roboat Year 2, 3:** Designed and developed augmented reality visualization and digital platform for lab exhibition of Roboat, the first fleet of autonomous boats in Amsterdam, Netherlands, held at AMS Amsterdam in October, 2018; IOS development of AR app, Testfly version available for download at <https://roboat.org/AR>
Led Roboat AR demo at Girl's Day at MIT Museum on March 23, 2019
Leading and conducting research on travel optimization for cultural venues in Amsterdam using autonomous waterborne vehicles and AI
- First author of "Route Optimization for Urban Tourism Using On-Demand Autonomous Boats in Amsterdam" co-authored with Dr. Wei Tu, Dr. Fabio Duarte and Dr. Carlo Ratti selected for publication at CCIV Smart City Conference, Chania, Crete Island, Greece, 2019
- Reference: Fabio Duarte fduarte@mit.edu, Carlo Ratti ratti@mit.edu

MIT Leventhal Center for Advanced Urbanism (LCAU), Cambridge, MA

[January - May 2018] Researcher and Designer

- **Neighborhood Upgrading for Productive Public Space and Housing Improvements in Georgetown, Guyana**
Design consulting delegated by Inter-American Bank (IDB)
Performed geo-spatial data analysis and provided resilience design strategies for neighborhood public space
- Reference: Adele Santos ansantos@mit.edu

PROFESSIONAL EXPERIENCE

CIVIS Design and Advisory, Cambridge, MA

[August 2018 - Present] Founder and Partner

- An interdisciplinary design and consulting practice aimed at combining the use of emerging technologies (IoT, AI, AR/VR) in strategic planning and design, urban research, architectural and landscape design to promote the making of sustainable and human-centric cities
- 10+ commissioned projects from European & Chinese clients (e.g. museum in Austria, municipal governments in China & private developers)
- Establishing our brand as leader in employing cutting-edge technologies to enhance the design of the urban experience by publishing research, attending international lectures, conferences and exhibitions (2020 International Human Settlements and Future Cities Conference, 2019 Bi-City Shenzhen Biennale; 2020 Future of Architecture Platform)
- <http://civisdesign.city>

CLFX Media Skin, Rotterdam, Netherlands

[June - August 2017] Researcher and Designer

- **XPOT:** researched into modular off-grid housing prototypes incorporating renewable energy
- **Media Skin:** product detailed drawings and renderings of high-res LED architectural facade
- Reference: Alain Fouraux alain@clfx.nl

Julian Palacio Architects, New York, NY

[June 2017 - August 2017] Architectural Designer

- **House Guereo Conceptual and Schematic Design:** designed and produced representations for villa in Dakar, Senegal
- Reference: Julian Palacio julian@jpastudio.com

Office for Metropolitan Architecture, Rotterdam, Netherlands

[August 2015 - January 2016] Trainee Architect

- **CN Beijing CIFCO Schematic Design 50%:** developed and executed design proposal for a 60,000 m2 office building adjacent to CCTV, performed daylight analysis in Grasshopper, responsible for graphic production and presentation model for 50% submission package
- **Luxembourg Cite de la Securite Sociale Competition:** site research, conceptualized and executed proposal for a 70,000 m2 mixed-use office complex, responsible for all graphic production for final presentation [2nd Place]
- **Princeton Institute for Advanced Study Commons Building Competition:** collaborated with OMA NY on concept design proposal of a 2000 m2 campus expansion building at Prince University
- **WSC Zuidas Kenniskwartier Acquisition Phase including Concept Design:** conducted site and program research, conceptualized and executed design proposal of a 70,000 mixed use building in Zuidas, Amsterdam, responsible for 3D modeling and all graphic production
- Reference: Alain Fouraux alain@clfx.nl

Skidmore, Owings & Merrill LLP, New York, NY

[June - August 2015] Architectural Intern

- **Manhattan West North Tower Construction Documents:** delivered 100% Construction Documents with team, responsible for area calculations, hardware schedules, room-finish schedules, diagrams, plans, architectural sketches and RFI
- **Cornell NYC Tech Campus Construction Administration:** submittal reviews for construction administration
- References: Kimberly Garcia kimberly.garcia@som.com, John Hollenberg john.hollenberg@som.com

Simitch and Warke Architecture, Ithaca, NY

[March - August 2014] Design and Research Lead, [June 2016 - August 2016] Project Archive Assistant

- **Nalati Hotel Resort Concept and Schematic Design:** conducted precedent research and site operations and envisioned schemes for villa design, produced diagrams and renderings for presentation packages

- **Seneca House 9564 NYS Route 414, Seneca County:** produced renderings for client review
- References: Andrea L. Simitch als34@cornell.edu, Val K. Warke vkw1@cornell.edu

Kushner Studios, New York, NY

[January 2014] Architectural Intern

- Drafted construction drawings for NY Department of Building and participated in site visits and documentations in various projects
- Reference: John Bedard jbedard@kushnerstudios.com

Neri+Hu Design and Research Office, Shanghai, China

[June - August 2013] Architectural Intern

- **Schindler City Schematic Design:** developed facade strategies for the Asia-Pacific headquarters of the Swiss elevator company Schindler
- **Penta Kowloon Interior Design**
- Reference: Jerry Del Fierro jdelfierro@nhdra.com

LEADERSHIP EXPERIENCE

MIT Club of Zhejiang, Zhejiang Province, China

Vice President of Communications and Board Member [September 2020 - Present]

- Co-founding team of the MIT Club of Zhejiang

The Alumni Alliance, Zhejiang Province, China

Founding Team and Board Member [September 2020 -Present]

- Founding team of the Alumni Alliance, an organization under the Zhejiang Provincial Talent Development Association's International Talent Professional Committee established in collaboration with alumni from Harvard University, MIT, Stanford University, Oxford University, Cambridge University, Yale University, Columbia University, Duke University, UC Berkeley, NYU, etc. The purpose of the group is to establish a global alumni network in China, beginning in the Zhejiang Province, to provide a full range of support for alumni's career development and entrepreneurial pursuits.

MIT China SA+P Student Association, Cambridge, MA

Co-Founder and Co-President [September 2018 - June 2019]; Executive Board Member [June 2019 - Present]

- Student Association within MIT's School of Architecture and Planning connecting the institution to the built environment industry in China
- Initiated the collaboration with Chengdu Widehorizon Investment Co.,Ltd and fundraised 420,000 RMB to host a graduate-level practicum course entitled "Hacking Chengdu" at MIT, planned the syllabus and taught the course as a co-lecturer with Prof. Brent Ryan (Spring 2020)
<http://hackingchengdu.mit.edu/>
- Responsible for fundraising 150,000 RMB+ for the 2019 Winter China Trek event and led 20+ MIT students to visit China for 10 days
- Planned and led the Boston Creative Mixer event in the MIT Media Lab, attracted 20+ artist and 300+ attendants from 8 nearby schools
- MIT faculty advisor: Brent D. Ryan bdr@mit.edu

MAPPO: a map-based and real-time events platform in a safe environment during Covid, Cambridge, MA

Co-founder [October 2018 - Present]

- Led all aspects of product conception, marketing, operations, technical product development and presented in 10+ roadshows (including 2019 GMIC G-Startup final, Asia's largest and leading technology conference)
- Accepted into MIT Sandbox and MIT-Tsinghua Future City Innovation Connector program cohort
- <http://mappo.space>

TEACHING EXPERIENCE

Massachusetts Institute of Technology, Cambridge, MA

[January 2020 - May 2020] Co-Lecturer

- **4.247j/11.337j Hacking Chengdu: Activating New Urban Development in China Urban Design Ideals and Action** [IAP - Spring 2020]; co-taught with Professor Brent D. Ryan
The Spring 2020 Urban Design Ideals and Action course will operate as a field study and design workshop course for a class of 11 MCP, MSRED, SMArchS and M.Arch students. The course is offered through a cooperation with the MIT China SA+P Student Association, sponsored by Chengdu Widehorizon Investment Co.,Ltd and facilitated in collaboration with Shanghai JUND Architects Co., Ltd.
- Reference: Prof. Brent D. Ryan bdr@mit.edu

[January 2019 - February 2019] Teaching Assistant

- **4.183: IAP Workshop Starter Communities Rural to Urban Housing, Metro Manila, Philippines:** Assisting Associate Professor Rafi Segal along with Research Associate Kelly Main in running the four-week winter IAP workshop in the Philippines on the theme of "Equitable Resilience" consisted of 8 MCP, SMArchS
- Reference: Prof. Rafi Segal rsegal@mit.edu

Invited Guest Critic

- [Spring 2021] MIT Hacking Kowloon East midterm and final reviews, Massachusetts Institute of Technology
- [Summer 2018] Harvard GSD "Career Discovery" summer studio midterm and final reviews, Harvard University

Cornell University, Ithaca, NY

Teaching Assistant [August 2016 - December 2016]

- **ARCH 4509/6509: MONOGRAPH:** Assisting Professor Andrea Simitch in running weekly seminars or workshops and giving critiques to a class of students that consists of 15 M.Arch's and 6 B.Arch's

Invited Guest Critic

- "Intro to Architecture" summer studio midterm and final reviews, Cornell University [Summer 2016]

LECTURES, TALKS AND CONFERENCES

- **OSPA Responsive Cities MBA**, Brazil (virtual) [July 6, 2021]
Guest lecturer with Juncheng Yang, Presentation of "Data Science for Real Estate"
- **Zhejiang University School of Media and International Culture**, Hangzhou, China (virtual) [May 28, 2021]
Guest lecturer, Presentation of "The Value of Design in Asset Pricing"
- **Columbia University Urban China Network Event**, Beijing, China (virtual) [May 16, 2021]
Panelist of Roundtable discussion "Big Data Response Mechanism in Post-Covid Chinese Cities"
- **BVDC Brasov Design Center Shared Mobility Lecture Series**, Romania (virtual) [May 6, 2021]
Invited speaker, Presentation of "Citizen Participation and Engagement in Smart Cities, Recent Projects"
- **MIT Center for Real Estate Data Science and Machine Learning for Real Estate**, Cambridge (virtual) [March 25, 2021]
Guest lecturer, Presentation of "The Value of Design in Asset Pricing, Measuring the Financial Impact of Architectural Design Features"
- **RISD Architecture Lecture Series 2020-21**, Rhode Island (virtual) [March 1, 2021]
Guest lecturer with Dr. Irmak Turan, Presentation of "Design & Finance: Exploring Value in Buildings"
- **MIT Hacking Kowloon East Urban Design Ideals and Action 4.247j/11.337j**, Hong Kong (virtual) [January 7, 2021]
Mentor and Invited speaker with Juncheng Yang, Presentation of "Smart Street Vendors Economy: Transforming Street Life and the Economy of Shared Stalls in China" for the workshop's lecture series on "Smart City/Urban Tech/Participatory Design"
- **2020 Association of Collegiate Schools of Planning (ACSP) Conference** (virtual) [November, 2020]
Poster presentation of "Reintify Chinatown - Digital Tools for Exploring the Sense of Belongingness in Boston Chinatown"
- **International Academic Conference on Architecture and Design 2020 (IACAD 2020)**, Singapore (virtual) [June 4-5, 2020]
Invited speaker, Presentation of "CoDAS: A Digital Community Engagement Platform to Enable Collective Intelligence"
- **2020 International Human Settlements and Future Cities Conference & YUANYE Summit Forum**, Beijing, China (virtual) [July, 2020]
Invited speaker, Presentation of "Collective Intelligence in City Design"
- **CBT Architects WiD Women's History Month**, Boston, MA [March 4, 2020]
Invited speaker, Presentation on "The Value of Design"
- **Future of Architecture Platform Creative Exchange**, Ljubljana, Slovenia [February 12-13, 2020]
Selected exchange fellow, Presentation of "CoDAS (Co-Design Active Society): Collective Intelligence in Urban Governance"
- **Tongji University College of Design and Innovation**, Shanghai, China [January 6, 2020]
Invited speaker, Lecture on design agency and intersection between design and finance
- **MIT Shanghai Alumni Event**, Shanghai, China [January 4, 2020]
Invited speaker, Presentation on "Innovation in Real Estate"
- **AIA New Hampshire Chapter Technology in Architecture**, Concord, NH [December 5, 2019]
Invited speaker, Lecture introducing MIT Real Estate Innovation Lab with Spotlight on the Value of Design
- **City+2019**, TU Delft, Netherlands [October 2019]
Oral presentation of "Designing with Data: Collective Intelligence in Urban Design"
Poster presentation of "Value of Design in Real Estate Asset Pricing"
- **Asia Real Estate Conference**, Shenzhen, China [July, 2019]
Oral presentation of "Value of Design in Real Estate Asset Pricing"
- **CCIV Smart City Conference**, Chania, Crete Island, Greece [June 2019]
Oral presentation of "Route Optimization for Urban Tourism Using On-Demand Autonomous Boats in Amsterdam"
- **World Real Estate Forum**, MIT, Cambridge, MA [May, 2019]
Poster presentation of "Value of Design in Real Estate Asset Pricing"

PEER-REVIEWED RESEARCH PUBLICATIONS

- Yang, J., **Rong, H.**, Kang, Y., Zhang, F. and Chegut, A., 2021. The Financial Impact of Street-Level Greenery on New York Commercial Buildings. *Landscape and Urban Planning*, 214, pp. 1041-62.
- **Rong, H.H.**, Tu, W., Duarte, F. and Ratti, C., 2020. Employing waterborne autonomous vehicles for museum visits: a case study in Amsterdam. *European Transport Research Review*, 12(1), pp.1-13.
- **Rong, H.H.**; Yang, J.; Kang, M.; Chegut, A. 2020. The Value of Design in Real Estate Asset Pricing. *Buildings*, 10, 178.
- **Rong, H.H.**; Yang, J.; Qian, J. 2020. Enabling Participatory Actions in Community Design and Management: A Collective Intelligent Digital Platform in Ang Sila, Thailand. *Landscape Architecture Frontiers*, 8(4), pp.126-139.

GRANTS, AWARDS AND HONORS

- Selected member / **G20 Youth Entrepreneurs' Alliance** [2021]
- Top 25 (out of 433) emerging creatives / **Future of Architecture Call for Ideas** for project Collective Intelligence for City Design [2020]
- Grant recipient / **Sasaki Foundation Grant 2019 (\$15,000) and Barr Foundation Grant (\$3,000)** for project Rentify Chinatown, a community design research project studying gentrification and displacement issues in Boston Chinatown and proposing design solutions to connect communities through engagement, data visualization platform, and pop-up installation with Tianyu Su and Zhuangyuan Fan [2019] <http://chinatowns.site/>; *WeChat mini-program: WOW Chinatown*
- Selected cohort / **MIT-Tsinghua Future City Innovation Connector** incubator program [2019]
- Selected fellow / **MIT Sandbox Innovation Fund (\$7,000)**, start-up venture entitled “Mappo” with Alina Nazmeeva [2019]
- Top 15 finalists / **MIT DesignX Program**, start-up venture entitled “Mappo” with Alina Nazmeeva [2018]
- Finalist / **Shanghai Urban Design Challenge**, project entitled “Living Lifelines” with Yue Wu and Juncheng Yang [2018]
- Nominee / **Archiprix International 2019**, B.Arch thesis “Surgical Acupunctures: A Case Study in Sao Paulo” selected by Cornell University as the best thesis from the architecture program to participate in the international architecture student thesis competition [2018]
- Recipient / **MIT Ida M. Green Fellowship**, 1/9 students from MIT selected to receive full tuition scholarship and premium stipend [2017]
- Second Prize / **MIT Design Lab Tingling Senses**, project entitled “Soul(4)Sole” with Xinlei Zhang, Ringo Ye, Yue Wu, Yu Xia [2018]
- Second Prize / **2017 ACADIA Hackathon**, project entitled “AiR” with Biayna Bigosian, Poyao Shih, Chi-Hsuan Wang, Yan Liu [2017]
- Third Prize / **2017 UIA-HYP International Design Competition**, project entitled “Surgical Acupunctures” [2017]
- Recipient (declined) / **Harvard Graduate School of Design Dean's Merit Scholarship** [2017]
- Recipient (declined) / **Princeton University Fellowship for M.Arch II** [2017]
- Winner / **Charles Goodwin Sands Memorial Medal Silver Thesis First Prize**, project entitled “Surgical Acupunctures” [2017]
- Winner / **Robert Eidlitz Travelling Fellowship (>\$5,000)**, project entitled “Chasing Japan-ness” with Jessica Jiang [2017]
- Winner / **KPF Travelling Fellowship (\$10,000)**, project entitled “Remediating Strange Urbanism” [2016]
- Honorable Mention / **Young Architect's Competition: University Island**, project entitled “Terra Mosaico” with Jessica Jiang [2016]
- Honorable Mention / **Young Architect's Competition: Green Academy**, project entitled “Samsara” with Jessica Jiang, Daye Lee, Kevin Jin He, Jimmy Chen, Blair Chang and Isabel Oyuela-Bonzani [2016]
- Honorable Mention / **120 Hours**, project entitled “superCloud” with Jessica Jiang and Jamie Sun Jae Choi [2015]
- People's Choice Award 4th Place / **Young Architect's Competition: Wine Culture Center**, project entitled “RACK” with Jessica Jiang, Sonny Xu, Jose Ibarra and Cristina Medina Gonzales [2015]
- Winner / **Cornell Council of the Arts**, project entitled “+/-: Margin of Error in Sound and Space” with Jose Ibarra and Jessica Jiang [2014]
- Winner / **President Skorton's Winter Card Competition** with Min Keun Park [2013]
- Honorable Mention / **Cornell Architecture Baird Competition**, project entitled “Elephantine Fallacies” [2013]
- Recipient / **Canadian Governor General's Academic Medal**, awarded to student with the highest average from a high school [2012]
- Recipient / **Duke of Edinburgh Bronze Award, Canada** [2012]

EXHIBITION, PUBLICATION, MEDIA AND PRESS

- **Monthly Design** feature article of “Value of Design”, pp. 60-63 [2021]
- **“Countrylife” Exhibition** at HDA Graz of CIVIS project “CoDAS for Ko Panyi: digital solutions for Thai floating village” [2020]
- **Book of the EU project Public Play Space (PPS) and Open repository of Best Practices** publication of project “Collective Intelligence in City Design - Co-Design Ang Sila” [2020]
- **Topos magazine**: Rong, H.H. and Yang, J., 2020. Co-Design via App. *Topos: European landscape magazine*, (112), pp.58-62.
- Selected exhibitor / **Shenzhen Biennale for Architecture and Urbanism 2019** for installation project *Affective Balloons* in collaboration with Shard Island Technologies Ltd. [2019]
- **ArchDaily China** feature of “Affective Balloons” on the list of “Best Exhibits to see at the Shenzhen Biennale” [2020] <https://mp.weixin.qq.com/s/KFNtk8OiEzRa2j1nm4s7Cg>
- **Cornell Journal of Architecture 11th Edition: Fear** featuring journal article “Potentials for Surgical Urbanism: Overcoming Fear of Obsolescence in Downtown Sao Paulo” [2019]
- **Boston Creative Mixer Exhibition** at MIT Media Lab featuring “Content” on April 6, 2019 [2019]
- **Architectural Hand Drawing Exhibition**: “Hui Shi Guang” at Liangmaqiao Diplomatic Office Building from Dec 2018-March 2019 [2019]
- **Senseable City Lab Roboat Exhibition** in Amsterdam, Netherlands in Oct 2018 [2018]
- MIT Norman B. Leventhal Center for Advanced Urbanism **“Housing +” Exhibition** featuring Neighborhood Upgrading for Productive Public Space and Housing Improvements in Georgetown, Guyana at Okawa Lobby, MIT Media Lab from May 3 - 14, 2018 [2018] <https://cau.mit.edu/news/georgetown-guyana-ad%C3%A8le-naud%C3%A9-santos-marie-law-adams>
- Senseable City Lab publication: **Senseable City Guide to Paris** Chapter 01: Floating [2018]
- Solo exhibition **“Chasing Japaness”** with Jessica Jiang in Cornell AAP NYC, 26 Broadway from Feb 12 - 18, 2018 featured on Archidemy [2018]; <http://archidemy.com/blog/cornell-aap-b.arch-chasing-japan-ness>
<http://aap.cornell.edu/news-events/belena-rong-and-jessica-jiang-chasing-japan-ness-japans-disposable-housing-typology>
- **Wall Paper Magazine** January 2018 featuring project “Surgical Acupunctures” in both online and paper edition [2018] <http://wallpaper.com/graduate-directory/2018/architecture#belena-rong>
- **Music of Reality** event “Rising Seas and the Venice Problem” on March 9 featuring project “Sonified City” with Caroline Rozendo [2018] <http://carolx.me/w/sonifiedcity/>
- **Jianzhubang** featuring project “Surgical Acupunctures” for UED <http://jianzhubang.com/weixin/48120> [2018]
- **Docomomo International Conference** published paper “Potentials for Surgical Urbanism: A Case Study for Downtown São Paulo” [2018]

http://docs.wixstatic.com/ugd/e5628e_4cda01e5b6424f0f8c13202777acaa50.pdf

- Cornell publication **Association Vol.10** featuring project “Surgical Acupunctures” [2017]
- Cornell publication **Association Vol.9** featuring project “Cascadilla Crossing” with Jessica Jiang [2017]
- **Cornell AAP Student Works** featuring project “Surgical Acupunctures” aap.cornell.edu/student-work/surgical-acupunctures-case-study-s-o-paulo [2017]
- **Bustler** featuring project “Terra Mosaico” with Jessica Jiang bustler.net/news/5177/the-winning-ideas-of-the-yac-university-island-competition [2016]
- **Professione Architetto** featuring project “Terra Mosaico” with Jessica Jiang [2016]
professionearchitetto.it/news/notizie/22937/D-Vision-Architecture-e-il-progetto-vincitore-del-concorso-University-Island [2016]
- **Acquired** featuring project “Terra Mosaico” with Jessica Jiang arquired.com.mx/concursos/yac-anuncia-a-los-ganadores-del-concurso-university-island/
- **Competitionline** featuring project “Terra Mosaico” with Jessica Jiang competitionline.com/en/results/224978 [2015]
- Cornell publication **Association Vol.8** featuring project “A Walk in Priorat” [2015]
- Cornell publication **Association Vol.8** featuring project “RACK” with Jessica Jiang, Jose Ibarra and Cristina Medina-Gonzalez [2015]
- **Cornell AAP Student Works** featuring project “Rochester Imaging Museum” <http://aap.cornell.edu/academics/student-work> [2015]
- Exhibition “Cornell in Rome Spring 2015 Final Exhibition” in Palazzo Lazzaroni, Rome [2015]
- Exhibition “MONOGRAPH” in Bibliowicz Family Gallery in Milstein Hall, Cornell University [2014]
- Exhibition “Spolia” in Milstein Dome, Cornell University [2014]
- **Cornell AAP Student Works** featuring project “Body | Armor” <http://aap.cornell.edu/academics/student-work> [2013]

OTHER RELEVANT EXPERIENCES

Cornell App Development, Ithaca, NY

Designer [September 2014 - December 2014]

- **IOS project “Eat Now”**: designed user-interface using software Sketch for a social IOS app with a team of 8 designers and 15 developers within the university. Available for download at: <https://itunes.apple.com/us/app/eatery-cornell-dining-made/id1089672962?mt=8>

Editorial Assistant [December 2013 - January 2014]

- Proofread Chinese translation for book “**Ecological Urbanism**” edited by Mohsen Mostafavi and Gareth Doherty

Freelance Graphic Designer and Photographer [July 2013 - Present]

- **Yorango**: employed by Adam Kirsch adam@yorango.com to photograph real estate properties in Ithaca, NY [2016]
- **Architecture Design Online (ADOL)**: employed by Junqiang Rong 1050468828@qq.com to design the IOS app logo [2015]
- **Rebera Life Coaching LLC**: employed by Amy Rebera alrebera7@gmail.com to design company logo, brochure and business card [2014]
- **Hong Kong Great Wall International Investment Company (GWII)**: designed the winning entry for the company logo [2013]

SKILLS

Presentation: Microsoft Office (Word, Excel, Powerpoint), Adobe Creative Suite (Photoshop, Indesign, Illustrator, Premier, After Effects);

Programming language: Python, Javascript, R, CSS, HTML, d3.js; **Data Analytics**: Machine Learning, Octave, R, STATA **3D and**

Visualization: Rhinoceros, V-Ray Rendering, Grasshopper, Processing, Autodesk 3D MAX, AutoCAD, Vectorworks, Revit; **Geospatial**

Analysis: ArcGIS, QGIS; **Prototyping (UI/UX/Digital Product)**: Arduino, Adobe XD, figma, wireframing; **AR/VR**: Unity, Virtual and

Augmented Reality with Vuforia; **Production**: Laser-cutting, 3D printing, ABB IRB 4600 Robot, CNC Milling, DSLR Photography

LANGUAGES

English (native) | Mandarin Chinese (native)

INTERESTS

contemporary dance, flutist, violinist, Chinese martial arts novels, traveling (traveled to 25+ countries, e.g. Slovenia, Brazil, Finland, Cuba, Philippines, Guyana, Thailand, Italy, Cambodia, Netherlands, Luxembourg, Greece, Singapore, Vietnam)