

Huckabee College of Architecture  
Texas Tech University  
1800 Flint Avenue, Lubbock, TX 79409, USA  
Email: nerocx.he@gmail.com  
Phone: +1 540 998 1056  
Instagram: @nerohe  
Website: www.he-x-agon.com

**EDUCATION**

- 2018-2020**                    **Master in Architecture II.**  
Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US
- 2013-2017**                    **Bachelor of Science in Architecture.**  
University of Minnesota Twin Cities (UMN) | Minneapolis, MN, US  
International Studies:  
2017 Danish Institute for Study Aboard (DIS) | Copenhagen, DK

**TEACHING EXPERIENCE**

- 2023-**                            **Assistant Professor - Tenure-Track.**  
Texas Tech University (TTU) | Lubbock, TX, US  
Conduct personal research on quasi-autonomous design, teach studios and seminars
- 2023-**                            **Visiting Instructor.**  
China Central Academy of Fine Arts (CAFA) | Beijing, CN  
Invited to initiate and teach a digital public art program at the Sculpture Department
- 2021-2023**                    **Visiting Professor.** 2022 - 2023  
**Summer/Winter Coordinator.** 2022  
**Adjunct Instructor.** 2021  
Virginia Polytechnic Institute and State University (Virginia Tech) | Blacksburg, VA, US  
Foundation Studio; Automavision Elective; Phygital Building Material Elective; Play to Make Gateway Course; Undergraduate Thesis (Concentration Area); Graduate Thesis Committee
- 2022**                            **Invited Instructor.**  
DigitalFUTURES  
Teach a workshop on the topic of Phygital Construction : Land of Monsters
- 2021-2022**                    **Assistant Teacher.**  
Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
Co-teach with Devyn Weiser for Spring 2021 and 2022 Vertical Studio; Co-teach with Peter Testa for Summer and Fall 2021 Phygital Material; Co-teach with Peter Testa for Fall 2021 Vertical Studio
- 2021**                            **Invited Instructor.**  
Genius Factory | Beijing, CN  
Co-teach with Kaiho Yu for Summer 2021 Studio and Fall 2021 Studio
- 2019-2020**                    **Graduate Teaching Assistant.**  
Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
Spring 2020 History and Theory instructed by Marcelyn Gow; Fall 2019 Design Studio instructed by Marcelyn Gow, Ferda Kolatan, Rachael McCall, Angelica Lorenzi, Casey Rehm, and Jenny Wu; Summer 2019 Introduction to Digital Design instructed by Andrea Cadioli and Rachael McCall

**WORKING EXPERIENCE**

- 2021-**                            **HeXagōn, Founder / Design Principle.**  
HeXagōn is an architectural design practice focusing on creating quasi-autonomous procedures and interfaces to re-see and upcycle architectural information and materiality through the non-human-centric perspective.

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**WORKING EXPERIENCE (CONT.)****2019-2022****Testa & Weiser, Collaborator.**

Los Angeles, CA, US  
Working as a collaborator to create new workflows for Testa & Weiser and co-teach techniques and strategies in SCI-Arc. Projects involved: TW Turntable, Ledoux Frac "The Architectural Beast Exhibition", ZXT Towers, ZT Towers

**2019****Research Assistant, Peter Noever & Fabian Marcaccio.**

Los Angeles, CA, US  
Worked for Peter Noever's exhibition "Obsessions in Focus", and exhibition "Paintant Lab" created by Fabian Marcaccio

**2018****Dream the Combine.**

Minneapolis, MN, US  
Nominated by Young Architects Program (YAP), our team won 2018 MoMA PS1 Young Architects Program. Worked with Jennifer Newsom and Tom Carruthers from pre-design to finished construction

**2018****Studio BV.**

Minneapolis, MN, US  
Projects involved: Andersen / KARE Broadcast Booth, Haines & Forbort Cabin, Hillman Building, Pentair Water Minneapolis HQ, VFW Memorial, YMCA Buffalo Run, YMCA North Community, Kickernick Lobby Re-Design, Loose Wiles Lobby Re-Design, RBC Concepts, Country Financial, Baker Center, 111 Washington Ave N.

**2016-2018****Studio Mun.**

Minneapolis, MN, US  
Assist Ph.D. Kris Mun to study how machines and bodies can form a synthesis in the environment. Work is centered on the idea of Empathic Architecture to create sensory based interactive/ immersive environments, bio-tech wearables, and new materials. Projects involved: BioSensing Sound Chamber, Love Vapor Table, Dutch Pavilion, Manna BBQ

**2017****Aventür, LLC.**

Minneapolis, MN, US  
Projects involved: 3353 University Ave SE Remodeling, Crossroad Bridge, Acoustic-Air

**2017****WEI Architects / Elevation Workshop.**

Beijing, CN  
Worked as project manager in training. Projects involved: Shanghai Bund Finance Centre Mini-Club Med, Hanglai Village Remodification, Cybernaut Palaza

**2017****Information Based Architecture.**

Amsterdam, NL  
Worked with Mark Hammel and Barbara Kurt for the Girdear HQ project

**2016****Zaha Hadid Architects.**

Beijing, CN  
Worked with Satoshi Ohashi. Projects involved: Guangzhou Infinitus Plaza, Beijing New Airport Terminal Building, Beijing Leza Soho, Wuhan Taikang HQ

**2015-2016****Research Assistant, Professor Mary Guzowski.**

Minneapolis, MN, US  
Conducted daylighting analysis to understand dimensions of daylighting into architectural design. Projects involved: The Art of Architectural Daylighting: Masters of Light (book)

## NERO CHENXUAN HE

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## CURRICULUM VITAE (CONT.)

### WORKING EXPERIENCE (CONT.)

**2015** **Valode & Pistre Architects.**  
Beijing, CN  
Projects involved: Runze Science Park, Langfang Flower Market, Zhenjiang Runxing Street Remodeling.

### AWARDS

**2023** **S. Michael Evans Virginia Design Medalist.**  
The Virginia Design Medalist program is a Legacy Program in Hanbury, a Virginia based architectural design practice. It nurtures and stimulates Hanbury's design talent by recognizing distinguished members of architecture, planning, and design academia and inviting them to create a new vision for Hanbury's practice.

### COMPETITIONS

**2021** **Are You a Model? International Conference in Darmstadt / Frankfurt Open Call.**  
Respond to an open invitation to answer what keeps the model a model?  
Collaborated with Jesse Gates

**2021** **Basel Pavillion 2022.**  
A proposal to design a pavilion with locally reused components  
Collaborated with Kaiho Yu

**2020** **Home Competition.**  
Speculative proposal on the topic of how we define future "home"  
Status: Pragmatic Award Honorable Mention

**2019** **Shenzhen Biennale for Architecture and Urbanism.**  
Installation proposal of a data-visualization experience combining the "pleasures" of two coastal cities, Shenzhen and San Diego, by applying neuroscience technology with architecture  
Collaborated with Kris Mun & Biayana Bogosian  
Status: Finalisted

**2019** **CGachitect 3D Awards.**  
Nominated with the project "Augmented Library Aggregation" for the 2019 CGachitect 3D Awards  
Collaborated with Xin Liu  
Status: Finalisted

### PROJECTS

**2023**  
(upcoming) **Denver Chinatown Installation.**  
Denver, CO, USA  
Conducted design research in Chinatown artifacts to construct a temporal installation  
Collaborated with Leyuan Li

**2023**  
(upcoming) **Samsara of Daci Monastery.**  
Chengdu, Sichuan, CN  
Commissioned to create an autostereoscopy public digital art to document and represent Daci Monastery for the autostereoscopic 3D LED display at Sino-Ocean Taikoo Li

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**PROJECTS (CONT.)**

- 2023**  
(upcoming) **Fractured Liquid Memory.**  
Los Angeles, CA, US  
Invited to design and produce music videos animations for music artist LeeAlive's upcoming experimental album
- 2022** **Garden of Phygitality.**  
Harajuku, Tokyo, JP  
Commissioned to create a phygital garden in an urban environment with the autostereoscopic 3D LED display using optical illusion to create stereoscopic visual effects
- 2022** **Bimbo Disaster.**  
Los Angeles, CA, US  
Commissioned by TUNICA Magazine to collaborate with photographer Kate Biel, we have created the cover and images for Issue No.8 "Reloaded" with digital environments and phygital knitwear material
- 2022** **Capri 2.0.**  
Capri, IT  
Responding to the 100th anniversary of Convegno di Paesaggio, a team of young architects have been asked to design Capri 2.0 while staying on the island for a month  
Invited by Aaron Betsky
- 2022** **Stir the Pot.**  
Blacksburg, VA, US  
Commissioned by Virginia Tech School of Arch + Design to create the graphic for the 2022 Virginia Tech School of Arch + Design Award
- 2021** **Adidas Originals Blue Campaign.**  
Shanghai & Chengdu, CN  
Commissioned by Adidas to create custom artwork for the brand for a window display feature on the topic of "Blue"  
Collaborated with artist Fanglu Lin
- 2021** **The Launch of Fashion Brand Abuja Bodega.**  
Commissioned by Abuja Bodega's co-founder, former NFL player Kevin Jones, to create a custom digital art for the launch of the fashion brand
- 2019** **Installation at Beijing Daxing International Airport.**  
Beijing, CN  
Commissioned by a culture communication company to design an installation at the Beijing Daxing International Air-port (the project is postponed to another phase)

**PUBLICATIONS**

- 2023**  
(upcoming) **Capri 2.0.**  
Force Fit  
Invited by Aaron Betsky, co-author a book to respond to the 100th anniversary of Convegno di Paesaggio
- 2020** **Underscore Vol. 06.**  
Name Unknown  
A collaborative student publication at SCI-Arc 2020

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## GRANTS

**2022** **TLOS Innovation in Learning Grant.**  
 Instructors in the School of Architecture + Design at Virginia Tech teach software common to their industry, often by giving in-class tutorials. This project will collect this body of knowledge systematically in the form of faculty-recorded tutorial workflow videos which will be shared on a flexible and public online platform  
 Co-investigators: Miranda Shugars, Yaoyi Zhou, & Isaac Mangual

## EXHIBITIONS

**2023**  
 (upcoming) **“The New Era of Humans and Machines” Solo Exhibition.**  
 The Galaxy Museum of Contemporary Art (GCA) | Chongqing, CN  
 A solo design and art exhibition showcasing the quasi-autonomy in design  
 Curated by Jingbo Huang

**2023** **A Collection of Phygital Fabrication Gallery Show.**  
 Samgaksan Geumam Art Museum | Seoul, KR  
 Invited to present phygital fabrication work with Fanglu Lin’s physical fabrication collection  
 Collaborated with artist Fanglu Lin

**2022** **“From Lausanne to Beijing” 12th International Fiber Art Biennale Exhibition.**  
 Yunnan Provincial Museum | Yunnan, CN  
 The digital work is based on the long term collaboration with the craft artist with an agenda of seeking for a new format to recreate fabrication with the help of digital mediums  
 Collaborated with artist Fanglu Lin

**2021** **Beijing Art & Technology Biennale Synthetic Ecology.**  
 The Central Academy of Fine Arts (CAFA) Art Museum | Beijing, CN  
 The collaboration is based on a mutual understanding to break the human-centric connection between designers and the designed product in order to seek the endless exchange between a digital simulation and physical construction  
 Collaborated with artist Fanglu Lin

**2019** **Oculus Westfield World Trade Center New Year Exhibition.**  
 Oculus Westfield World Trade Center | New York City, NY, US  
 The exhibition showcases the lighthearted playfulness in the architecture design workflow

## LECTURES

**2023** **Conscious Input to Output.**  
 Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
 Invited to talk about He’s work involved with design technology to architecture technologies studio  
 Invited by M. Casey Rehm

**2023** **Controlled Serendipity.**  
 Kent State University (KSU) | Kent, OH, US  
 Invited to talk about quasi-autonomous design research direction  
 Invited by Jean Jaminet

**2022** **Reflect on the Power of Limitations in Building a Better World.**  
 Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
 Invited to talk about He’s research direction and practice for SCI-Arc Channel and SCI-Arc News by presenting the discovery of the renewed focus and purpose in the limitations

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**LECTURES (CONT.)**

- 2022** **DigitalFUTURES 2022 Young Scholar Symposium: Hybrid Forms & Virtual Architecture.**  
DigitalFUTURES  
Invited to talk about He's research direction and practice then engaged the roundtable conversation on the topic of Hybrid Forms & Virtual Architecture  
Invited by Feng Yuan & Chao Yan  
Co-Speakers: David Eskenazi, Zigeng Wang. & Liang Wang
- 2022** **Your Computer is Your Collaborator.**  
University of Applied Arts Vienna | Vienna, AT  
Invited to talk about phygital fabrication and create design work by collaborating with computers  
Invited by Kaiho Yu
- 2022** **From Thesis to Practice.**  
School of International Art (SIA)| Beijing, CN  
Invited to talk about the journey of developing a practice and teaching direction from the research topic established from He's master thesis at SCI-Arc  
Invited by Elena Manferdini
- 2022** **Internet, Data, and Design.**  
Virginia Polytechnic Institute and State University (Virginia Tech) | Blacksburg, VA, US  
Invited to have a roundtable discussion about how the internet and data help speculative design work  
Invited by Chris Prichett  
Co-Speakers: Laure Michelon
- 2022** **The New Role of Architects.**  
GeniusFactory | Beijing, CN  
Invited to talk about the direction of He's practice as a design principle at HeXagon  
Invited by Lexian Li
- 2022** **Quasi-Autonomous Workflows in Automavision and Phygital Construction.**  
Virginia Polytechnic Institute and State University (Virginia Tech) | Blacksburg, VA, US  
Invited to give a faculty lecture to introduce He's design and research directions  
Invited by Sharone Tomer
- 2021** **Strategies for Developing Thesis.**  
Virginia Polytechnic Institute and State University (Virginia Tech) | Blacksburg, VA, US  
Invited to present a lecture on the topic of "Strategies for Developing Thesis" for thesis students  
Co-Speakers: Ben Pennell & Andrew Gipe-Lazarou
- 2021** **Speculative Design.**  
Bartlett School of Architecture UCL | London, UK  
Invited to share the interdisciplinary journey from structural, electrical, civil, and energy engineering and business major to their contemporary investigation in speculative design - Architectural Technologies and the Phygital  
Invited by Provides Ng  
Co-Speakers: Laure Michelon & Kaiho Yu
- 2021** **The Motive of Architectural Design.**  
ASRI | Beijing, CN  
Invited to talk about the motive of architectural design from a university instructor perspective

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## SERVICE

- 2023** **Invited Juror.**  
 Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
 Invited by Enric Ruiz Geli
- 2023** **Peer Reviewing Committee**  
 ACADIA 2023 conference Habits of the Anthropocene
- 2023** **Invited Juror.**  
 School of Architecture and Urban Design  
 Royal Melbourne Institute of Technology (RMIT) | Melbourne, AU  
 Invited by Nic Bao
- 2023** **Invited Juror.**  
 School of Architecture and Planning Media Lab  
 Massachusetts Institute of Technology (MIT) | Cambridge, MA, US  
 Invited by Kaiho Yu
- 2023** **Invited Juror.**  
 School of Architecture  
 University of Minnesota Twin Cities (UMN) | Minneapolis, MN, US  
 Invited by Benjamin Smith, Jody McGuire, Natalya Egon, & David Sharratt
- 2023** **Invited Juror.**  
 College of Architecture and Environmental Design  
 Kent State University (KSU) | Kent, OH, US  
 Invited by Jon Yoder
- 2022** **Invited Juror.**  
 UCLA Architecture and Urban Design IDEAS Campus  
 University of California, Los Angeles (UCLA) | Los Angeles, CA, US  
 Invited by Guvenc Ozel & Laure Michelon
- 2022** **Invited Juror.**  
 Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
 Invited by Elena Manferdini / Peter Testa / Damjan Jovanovic
- 2022** **Invited Juror.**  
 UCLA Architecture and Urban Design IDEAS Campus  
 University of California, Los Angeles (UCLA) | Los Angeles, CA, US  
 Invited by Tucker van Leuwen-Hall
- 2022** **Invited Juror.**  
 Institute of Architecture  
 University of Applied Arts Vienna | Vienna, AT  
 Invited by Kaiho Yu
- 2022** **Invited Juror.**  
 School of Architecture  
 Woodbury University | Burbank, CA, US  
 Invited by Jesse Gates

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**SERVICE (CONT.)**

- 2021** **Invited Architect.**  
Architecture for Change  
Invited to donate architectural representation for an auction to support black women in their architectural education
- 2021** **Invited Juror.**  
Southern California Institute of Architecture (SCI-Arc) | Los Angeles, CA, US  
Invited by Peter Testa & Devyn Weiser
- 2021** **Invited Juror.**  
College of Communication, Architecture + The Arts (CARTA)  
Florida International University's School of Architecture (FIU) | Miami, FL, US  
Invited by Biayana Bogosian
- 2021** **Invited Juror.**  
School of Architecture and Urban Design  
Royal Melbourne Institute of Technology (RMIT) | Melbourne, AU  
Invited by Nic Bao & Hesam Mohamed
- 2021** **Invited Juror.**  
Architectural Association Visiting School Seoul (AAVS) | Seoul, KR  
Invited by Laure Michelon & Case Miller