

BRENNEN HULLER

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EDUCATION

M. DESR - MASTER OF DESIGN RESEARCH

The Southern California Institute of Architecture (SCI-Arc) | Emerging Systems and Technological Media (ESTM)
Post Graduate Program | Los Angeles, CA | 08/13 - 09/14

- Studied advanced manufacturing methodologies, composite building systems, and immersive environments utilizing robotics and digital media
- Developed the PUFF'D prototype, exploring a new methodology for spray foam injected sewn composite construction through robotic fabrication
- Explored the structural joint in lightweight composite panels through robotic assemblies
- Developed Tra[V]erse, an immersive space acting as a re-configurable cell that blends physical robotics and human interactions with digital media
- Utilized Rhinoceros, Grasshopper, Maya, Mental Ray, V-Ray, Cinema 4D, Z-Brush, Marvelous Designer, Arduino, Keyshot, Unity, Unreal Engine, RealFlow, and Adobe Suite

M. ARCH - MASTER OF ARCHITECTURE

University of South Florida (USF) | School of Architecture and Community Design (SACD)
AIA School Medal and the Certificate of Merit | Magna Cum Laude | Tampa, FL | 05/09 - 05/13

- Studied building systems, community development, urban planning, and fabrication
- Traveled for the development of studio projects both nationally and internationally from New York, Boston, Charleston, Savannah, and Miami to the Yucatan Peninsula, Mexico and Quito, Ecuador
- Conceptually designed a mixed-use development on the High Line in New York City, a natatorium and boat house in Tampa, FL, a community art center in Sarasota, FL, an artifact library in Merida, Mexico, a horizontal skyscraper in Tampa, FL, and a skyscraper in Chicago, IL
- Presented the Bradenton, FL river walk master plan and architectural designs to the city council and mayor emphasizing on community interplay through interactive shade and seating structures (the design has since been built based on the studio research and presentation)
- Developed master planning proposals for the re-use of the Quito Aeropuerto under visiting M.I.T. Professor Jan Wampler as a new city center with a package presented to the Mayor of Quito. The design included a prominent agricultural park stitching the design to the existing community with a college campus, hospital, and mixed-use development
- Developed a thesis exploring the deployment of architectural nutrients into the urban environment to activate underutilized spaces and encourage physical community interaction and digitally fabricated large scale tectonic components to encourage users to interact through imaginative play
- Utilized AutoCAD, Rhinoceros, Grasshopper, SketchUp, V-Ray, Lumion, Arduino, and Adobe Suite

STUDY ABROAD - URBAN PLANNING | COMMUNITY RESEARCH

Beijing Studio | Tongji University Workshop | Beijing, Shanghai, Dujiangyan, China | 06/09 - 09/09

- Worked out of a local architectural studio collaborating with Moving Cities to develop a mixed-use master plan for the Line 13 Redux a future metro station in Beijing
- Collaborated with a second year urban planning studio and traveled to Chengdu and Dujiangyan developing a master plan for a sustainable satellite city containing a high speed rail outside of Dujiangyan
- Conducted personal research on housing typologies comparing the Beijing Hutong to the Shanghai Lilong
- Experienced living in the Beijing Hutong while traveling to Shanghai, Suzhou, and Chendu
- Utilized AutoCAD, SketchUp, V-Ray, ArcGIS, and Adobe Suite

AAS - ASSOCIATES OF APPLIED SCIENCE IN ARCHITECTURAL TECHNOLOGY

Cape Fear Community College (CFCC) | Wilmington, NC | 01/04 - 08/06

- Explored and focused on the study of architecture with a concentration on hand sketching, physical modeling, building systems, and architectural space planning
- Designed a Community Center for CFCC with an emphasis on sustainability, utilizing active and passive solar, solar water heating, water collection, greywater system for xeriscaping, and an integrated fuel cell
- Designed a low income sustainable home requiring budget calculations and building system integration
- Developed a design of an integrated cooling chimney and fire place
- Utilized AutoCAD, Architectural Desktop, and Adobe Suite

EXPERIENCE

LEAD ARCHITECT

HGC Development Group | Tampa, FL | 01/23- present
Permitting | Construction Documents | Architectural Design
Types II, III, V | Groups A, B, R, M | Single Family, Commercial TI | Budget: \$12.5 Million

- Lead architect that created an architectural department with tasks that include all operating procedures, templates, organizational structure, hiring, design and software training, and consultant coordination
- Working with clients on interior remodels, residential additions, single family residence designs, and commercial tenant improvements
- Building permitting in multiple jurisdictions and historic architectural permitting

PARTNER | PRINCIPAL ARCHITECT | DESIGN DIRECTOR

Rizom Studio | Tampa, FL | 01/20 - present
Permitting | Construction Documents | Architectural Design
Types II, III, V | Groups A, B, R, M | Single Family, Commercial TI | Budget: \$1.25 Million

- Working with clients on interior remodels, residential additions, single family residence designs, and commercial projects
- Building permitting in multiple jurisdictions
- Design-Build of furniture, public art, and installations

ASSOCIATE DESIGN DIRECTOR | PROJECT DESIGNER

ArchiMorphic | Los Angeles, CA | 03/20 - 04/21
Construction Documents | Design Development | Architectural Design
Types I, II, III | Groups B, E, M, R, S | Podium, High Rise, Multi Family | Budget: \$235 Million

- Oversee and direct firm's design efforts
- Manage design team during the conception, development and implementation of architecture projects to ensure clarity and quality of concept is maintained through all levels of detail
- Lead the orchestration and strategy of design presentations
- Improving the process in which the firm develops and delivers work
- Lead designer on all project types

PROJECT COORDINATOR

Stantec | Los Angeles, CA | 09/18 - 03/20
Permitting | Construction Documents | Consultant Coordination | Architectural Design
Type III, V | Group B | Budget: \$25 Million

- Worked with clients during the programming phases to determine adjacencies of program and overall building size requirements
- Design lead on a 27,000 sq. ft. bus maintenance facility in San Luis Obispo from conceptual programming through permitting
- Utilized VR throughout bus maintenance facility design process and used VR to communicate design intent to client
- Designed and produced renderings for a net zero electric bus training facility concept
- Worked through project permitting on Amazon's small motor drone test enclosures
- Designed and developed 30% documents for Los Angeles Department of Water and Power water treatment facilities

PROJECT DESIGNER

Eric Owen Moss Architects (EOMA) | Los Angeles, CA | 11/16 - 09/18
Permitting | Construction Documents | Consultant Coordination | Architectural Design
Type I | Groups B,S | High Rise | Budget: \$150 Million

- Detailed construction documents on a 200,000 sq. ft. 250 ft., base isolated high rise in Los Angeles, CA named (W)rappert that is under construction
- Obtained project permits through LADBS parallel design-permitting process
- Detailed and modeled architectural elements and all other trades systems in AutoCAD and Rhinoceros
- Coordinated architectural elements with structural, civil, plumbing, mechanical, electrical, and tech
- Reviewed shop drawings, submittals, and RFIs, created markups in Acrobat and BlueBeam
- Obtained material and system assembly quotes from contractors and consultants, and coordinated detailing of these systems
- Focused on the detailing and modeling of dynamic elements including seismic joint covers, seismic crumble walls, and window washing systems in AutoCAD and Rhinoceros
- Worked with the glazing contractor to develop beam penetration details
- Calculated occupancy numbers and max travel distance requirements for plan check review
- Studied structural requirements of beam penetrations to locate and model steel and concrete penetrations throughout the project
- Calculated BOMA rentable sq. ft. to be used by the realtor to lease the project
- Conducted a Revit training session for the purpose of transitioning the office's current workflow into Revit
- Assisted designers as a BIM manager in Revit for a mixed-use facility in Culver City
- Supervised an intern making alterations to a physical model

JOB CAPTAIN | ARCHITECTURAL DESIGNER

amphibianArc & Archimorphic | Los Angeles, CA | 10/14 - 11/16
Construction Documents | Design Development | Architectural Design
Types I, II, III | Groups B, E, M, R, S | Podium, High Rise, Multi Family | Budget: \$175 Million

- Managed a team on the Sias and Sinian residential projects, developed schedules and deadlines, oversaw production of Revit and Rhinoceros modeling and construction detailing
- Coordinated, through design development in Revit, the building shell and core architectural design of Sias and Sinian, two 200,000 sq. m. mixed-use projects including eleven 100 m. residential high rises, community centers, retail buildings, and kindergartens.
- Worked with the local design institute in China to coordinate the architectural interiors, structural, plumbing, mechanical, and electrical with the Sias and Sinian building shell and core utilizing Revit and AutoCAD
- Conducted sunlight studies in AutoCAD per the local code to achieve minimum hours of sunlight for all Sias and Sinian residential high rises
- Worked with the lead design principle, and served as the main designer (from conceptual through design development) of Hanhai Plaza (under construction), a 175,000 sq. m. mixed-use shopping mall that includes lifestyle retail, hotel, and two 100 m. residential high rises, using Rhinoceros and Maya.
- Designed conceptual through schematic designs for Sias master plan, a 230,000 sq. m. mixed-use project that includes a shopping mall, sports facilities, commercial space, residential lofts and soho high rises using Rhinoceros, Grasshopper, and AutoCAD
- Developed schematic design through design development for Hanhai Dongfeng Town, a 165,000 sq. m. shopping mall and hotel using Rhinoceros and AutoCAD
- Created in-house renderings in Rhinoceros, V-Ray, and Photoshop
- Assembled packages in InDesign including all massing and programming diagrams, floor plans, elevations, sections, and renderings
- Performed FAR and overall project area calculations in AutoCAD and Excel
- Worked as I.T. specialist for the office, updating and repairing custom PC's and troubleshooting hardware and software issues

CO-FOUNDER | DESIGNER | FABRICATOR

The Urban Conga | Tampa, FL / Los Angeles, CA | 11/12 - 12/15
Design-Build of Interactive Installations | Budget: \$500 - \$16,000

- Designed and fabricated interactive installations and deployable architectural constructs, to encourage social interaction and community play utilizing Rhinoceros, AutoCAD, SketchUp, and V-Ray
- Collaborated with the Tampa Downtown Partnership and the City of Tampa's Mayor to assist in making Tampa a more viable and livable city.

URBAN DESIGNER

USF Florida Center for Community Design and Research | Tampa, FL | 04/13 - 07/13
River Walk Master Planning | Shade Structures and Seating Design

- Performed research on the Tampa river walk and surrounding context to implement a master planning strategy
- Designed a master plan consisting of active node locations, circulation strategies, recreational areas, water taxi hubs, skate parks, shade structures and bench designs both permanent and temporary utilizing AutoCAD, SketchUp, and V-Ray
- Created a presentation package in InDesign including drawings and renderings of the design, as well as a 3d printed physical model

MEDIA TECHNICIAN

The Southern California Institute of Architecture | SCI-ARC | Los Angeles, CA | 08/13 - 09/14
Audio and Video Installations for SCI-ARC Lecture Series, Exhibitions, and Special Events

- Performed professional photography services for the department.
- Photographed Jeff Kipnis's exhibition "The Figure Ground Game"

DESIGNER | FURNITURE FABRICATOR

Ud3 Studio | Tampa, FL | 10/11 - 07/13
Residential Schematic Design | Design-Build of Furniture | Interiors
Type V | Group R | Single Family | Budget: \$1,500 - \$275,000

- Designed and fabricated custom furniture ranging from dining tables, entertainment pieces, and privacy vine walls using concrete, steel, and acrylic utilizing Rhinoceros, AutoCAD, and SketchUp
- Collaborated with Architect David Lloyana and was lead designer for an Asaba Genocide Memorial in Delta State, Nigeria. The project was presented by Mr. Lloyana to the Head of State of Nigeria in Tampa, FL

FABRICATOR

Hurricane Billiards | St. Petersburg, FL | 09/11 - 02/12
High End Pool Table Fabrication | Budget: \$60,000 - \$120,000

- Performed meticulous woodworking, metal fabrication, and acrylic sculpting
- Assembled CNC milled components with hand-crafted elements
- Built hand-crafted custom crates for reliable shipment of pool tables

DESIGNER | DRAFTING TECHNICIAN

Michael Thomas Interiors | Tampa, FL | 10/08 - 09/11

Construction Documents | Shop Drawings | Furniture Design | Cabinetry Design | Budget: \$15,000 - \$220,000

- Created construction documents and shop drawings for commercial hotel lobbies and custom homes interiors using AutoCAD
- Designed custom cabinetry, furnishings, and wine racks using AutoCAD and SketchUp
- Worked directly with clients to transfer their ideas into the desired product
- Worked directly with fabricators and contractors to communicate the construction documents and shop drawings
- Drafted whole residential interior plans and elevations with an emphasis on custom bathroom and kitchen designs using AutoCAD

STRUCTURAL DRAFTING TECHNICIAN

Andrew Consulting Engineers, PC | Wilmington, NC | 05/07 - 06/08

Construction Documents | Marina Design | Forensic Engineering | Shop Drawing Review

Types I, V | Groups B, R | High Rise, Single Family | Budget: \$50 Million

- Developed structural design of the Coastal AHEC Medical Building and worked with the principal from conceptual to construction document phases using AutoCAD
- Verified that steel shop drawings were consistent with construction documents
- Designed and detailed a steel storage loft in a warehouse facility for Cape Fear Community College Board of Trustees using AutoCAD
- Designed the Carolina State Park Marina which included structural bulkheads and docks.
- Detailed all aspects of the design which included shop drawings that specified the assemblies of metals to resist galvanic action and corrosion
- Drafted construction documents for clients including G.E. Global Nuclear Facilities and the University of North Carolina Wilmington Facilities Planning Department in AutoCAD
- Created as-built drawings from on site hand sketches and prior as-built drawings to assist lead engineer in assessing structural damages

ARCHITECTURAL DESIGNER | DRAFTING TECHNICIAN

Design Haus, PA | Wilmington, NC | 05/05 - 05/07

Construction Documents | MEP Coordination

Types II, III, V | Groups B, R | Multi Family, Single Family | Budget: \$875,000

- Worked directly with the principal to learn how to create architectural plans, sections, elevations, and details from conceptual phase to construction document phase using AutoCAD and Architectural Desktop
- Drafted and assisted in design of single family and multi-family residences, restaurant and bar interiors, and commercial clubhouses in AutoCAD
- Drafted construction document sets that included architectural, plumbing, mechanical, and electrical using AutoCAD

JUNIOR ENERGY RATER | TECHNICIAN

Building Performance Specialists | Wilmington, NC | 02/05 - 04/07

Home Energy Analysis | Envelope and Duct Sealing | PV Installation

- Performed energy modeling during the design phase of new residences utilizing REM Home Energy Analysis software to size HVAC systems, and inform the architect of proper air and vapor barrier locations and proper sealant locations within the building sections
- Tested modeled residences throughout the construction phase for HVAC system leakage utilizing a duct blaster as well as whole house air leakage and pressurization using a blower door, and informed the contractor and mechanical subcontractors where leaks should be sealed
- Created as-built drawings of existing residences, energy-modeled the design to price, and recommend solutions to increase electrical efficiency and mitigate mold growth and air infiltration to enhance indoor air quality.
- Recommended sealing existing ducts, replacing windows, upgrading HVAC systems to include fresh air ventilation systems and dehumidifiers, and sealing crawl spaces
- Installed active photovoltaic solar systems, solar pool heating systems, and hot water heating systems to reduce electric bills on existing homes
- Performed existing duct sealing, attic sealing, and crawl space sealing

COMPETITIONS

TeXFab | Plasticity | Hosted By Digital Fabrication Alliance | Los Angeles, CA | 07/14 - 09/14

Second Round Advancement | Honorable Mention | Team Included Nels Long & Nikita Troufanov

The Deconstruction | Hosted By Synergy Live | Tampa, FL | 02/13

First Place | Team Included Ryan Swanson

NC Sustainable Building Design Competition | Hosted By NC Solar Center | Wilmington, NC | 03/06

Honorable Mention | Team Included Aaron Longo & Daniel Williams

PUBLICATIONS

(W)rapper Tower | Eric Owen Moss Architects (EOMA) | Los Angeles, CA | 11/16 - 09/18

Published in Los Angeles Times, Archdaily, Dezeen, Archinect, Architect Magazine, Metropolis Magazine, Urbanize LA, Arch Paper, etc. Team Included Eric Owen Moss, Dolan Daggett, Vanessa Jauregui, Maxime Lefebvre, Hugo Ventura, Raul Garcia, Eric McNevin, Juan Villarreal, Scott Nakao, Diana Rodriguez, Emmanuel Osorno, Renata Galan, Brennen Huller, Sean Briski, Nicholas Barger, Zarmine Nigos, Tanveer Sami, Richard Yoo, Christine Lawson, Francisco Delgado

Haishang Plaza | Archimorphic | Los Angeles, CA 10/14 - 11/16

Published in Archdaily and A' Design Award & Competition

Team Included Nonchi Wang, Luoya Tu, Ying Tao, David Rodriguez, Dennis Roney, Nicholas Poulos, Brennen Huller, Yixin Liu, Carey England, Scott Wu, Kisung Nam, Daphany Shen, Peng Jiang, Caroline Liu, Jacquelyn Hu, Michelle Lozano, Nedi Dimova-John

The Urban Conga | Projects Include 3ReX, Pink Pong and Tree of Life | Tampa, FL | 12/12 - 12/15

Published in 83 Degrees, Vertical Tampa Bay, Tampa Tribune, TampaGov

Featured on ABC Action News, Channel 10 Morning News, PBS Video | Team Included Mark Perrett & Ryan Swanson

Rheological Translations | Rustification for Radicality in Contemporary Materiality | Los Angeles, CA | 09/14

Published in ACADIA 2014 Design Agency & ESTm.us | Featured at ACADIA 2014 | Team Included Nikita Troufanov

PUFF'D | Composites, Super Components, and MetaSeams | Los Angeles, CA | 08/14

Published in ACADIA 2014 Design Agency, Bustler, TexFab, & Architect Magazine | Featured at ACADIA 2014

Team Included Nels Long & Nikita Troufanov

Squished 2 | Black Seams | Los Angeles, CA | 05/14

Published in ESTm.us | Featured at Architectural Record Conference in 2014 | Team Included Cheng Lu & Nikita Troufanov

Affinity | Virtual Interactive Hybrid Reality Workspaces | Los Angeles, CA | 02/14

Published in SuckerPunchDaily | SCI-Arc Robot House | Team Included Nels Long

Something Hairy| Digital Fabrication Tech. | Los Angeles, CA | 02/14

Published in ESTm.us | Team Included Nikita Troufanov

Bradenton River walk | Master Planning & Canopy Design | Bradenton, FL | 03/10

Published in USF News | Team Included Steven Flositz

Learning from China | ECOFlux | Line 13 Redux | Beijing, China | 06/09

Transit Oriented Landscape Infrastructure as a Catalyst for a New Spatial Structuring of Urban Form, By Shannon Bassett

Published in IFoU International Forum on Urbanism | Team Included Stephanie Herring

ECOFlux | Line 13 Redux, Beiyuan, Lishuiqiau, Longze Eco Transit Node| Beijing, China | 06/09

Published in Moving Cities | Team Included Stephanie Herring

VOLUNTEER WORK

Venice Family Clinic Volunteer | Venice Art Walk | Google Venice Headquarters | Venice, CA | 05/14

- Volunteered to offer the opportunity for children and adults to interact with architectural toys

Teaching Volunteer | Carver Exceptional Center High| Tampa, FL | 03/09

- Taught preliminary architectural design that introduced students to drawing scales, techniques, and types of architectural drawings
- Directed students in drafting their existing homes as well as their dream homes in plan and elevation drawings

Teaching Volunteer | Carver Exceptional Center High| Tampa, FL | 10/08

- Taught abstract art to the students as a way to express ones feelings and emotions

Conference Volunteer | EEBA The Energy and Environmental Building Alliance| Norfolk, VA | 10/06

- Introduced lecturers
- Answered attendees questions regarding green and sustainable building techniques based on specific regions and climates
- Gained valuable knowledge in advanced building science techniques, assemblies, and systems

Volunteer Lecturer | Cape Fear Green Building Alliance| Wilmington, NC | 03/05

- Lectured on sustainable and green residential and commercial building systems to contractors, architects, and home owners
- Explained the retrofitting of ones home to achieve a more efficient and healthy living environment
- Displayed future initiatives of previous works for the CFCC Hybrid Fuel Cell Building Design

Volunteer Surveyor | Cape Fear Historic District| Wilmington, NC | 04/04 - 05/04

- Performed a survey of historic residences categorizing facade styles, roofing characteristics, and materiality

REFERENCES

Luoya Tu | RA LEED AP BD+C | M.Arch |Principal | Principal at Archimorphic
Los Angeles, CA | ltu@archimorphic.com | 310.795.6669

Patrick M. McKelvey | AIA | Senior Principal | Stantec
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Eric Owen Moss | RA FAIA | M.Arch, M.Arch, BA | Principal | Lead Designer at Eric Owen Moss Architects
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