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INTERESTS AND GOALS Exceeding our clients' expectations

Returning the Architect to the Master Builder

Facilitating design, collaboration, data & decision management, representation, estimation, sequence, construction, and maintenance through emergent digital design technology

ABILITIES AND STRENGTHS Skilled in form-making and space planning across many project types.

Proven ability to manage projects large and small, while mentoring younger staff and working closely with owners and primary stakeholders to meet project goals.

Expert Revit Architecture Model Manager.

Proficient user of 3ds Max, Mental Ray, Vray, Revit Dynamo, Midjourney AI, SketchUp, Form-Z RenderZone, Maya, Adobe CS Suite, iMovie, Final Cut Pro, and Microsoft Office Suite.

Skilled in photo-realistic renderings, 3D animations, visual programming, sketching, digital fabrication (laser cutting, 3D printing and 3-axis CNC routing), image manipulations, digital music production, and digital video editing and production.

PROFESSIONAL PRACTICE

July 2016 – Present **OWNER | ARCHITECT.** Hemisphere Architecture LLC. Pittsburgh, PA.
Roles: Sole Proprietor of architectural practice responsible for all day-to-day operations including design, production, marketing, web design, and administration. Projects include:

Fox Chapel, PA. 2025. Unbuilt **Fox Chapel Pavilion**
Designed new open-air pavilion and rooftop deck to cover existing bocce court and dining area.

Butler, PA. 2025. Unbuilt **Huselton Patio**
Designed new patio and outdoor living area including new basketball half-court, new pavilion with outdoor kitchen, fireplace, and new retaining walls and stair around existing pool.

Churchill Borough, PA. 2025. Unbuilt **Williamsburg Addition**
Designed two first floor additions as a sunroom and garage and renovated former garage as new master suite and office.

Homestead, PA. 2025. Unbuilt **East 8th Renovations**
Renovated 2-story commercial building to convert from dentists office to retail space with residential apartment above.

Hampton Township, PA. 2025. Unbuilt **Lakewood Addition**
Designed 2-story addition with fully accessible in-law suite with kitchenette, new master suite, and new separate sunroom addition.

Ross Twp, PA. 2025. Under Construction	Grove Addition Designed 3-story addition with re-built garage, new first floor office and den, and second floor master suite.
Beaver, PA. 2025. Unbuilt	Pinkerton Addition Designed 2-story addition with new great room, master suite, office, and renovated kitchen.
Shaler Township, PA. 2025. Unbuilt	Wetzel Addition Designed 2-story addition with great room, kitchen, master suite, and spare bedroom.
Millvale, PA. 2024. Unbuilt	North Ave Residence Designed complete renovation and addition for a modern 4-bedroom, 2-1/2 bathroom residence with a rooftop deck and elevated first floor for flood prevention.
Pittsburgh, PA. 2024. Unbuilt	Kennett Apartments In an existing rowhouse, designed (3) 1 bedroom and 1 bathroom apartments.
O'Hara Township, PA. 2024. Unbuilt	Berryhill Pool Pavilion Designed new pool and pavilion building featuring a full kitchen and bar, large multi-panel sliding doors, double-sided fireplace, outdoor shower, swim-up bar, cabanas on artificial grass, and a custom rock water slide and waterfall feature.
North Fayette Twp, PA. 2024. Unbuilt	West Ridge Church Offices Designed interior renovation to provide more office space, conference room, and reception.
Coraopolis, PA. 2024. Unbuilt	Veleshka Dumpling Factory Designed a food production facility in two locations, first in a Millvale existing warehouse, and finally in a former ice cream shop in Coraopolis. The design includes new accessible ramp, bathroom, and production kitchen.
Bethel Park, PA. 2024. Unbuilt	Patterson Garage Designed new detached 1-1/2-car garage with second floor accessory dwelling unit.
Moon Township, PA. 2023. Unbuilt	Madison House Designed new 9,280 square foot single-family residence with full basement, three car garage, four bedrooms, and indoor pool.
Fox Chapel, PA. 2023. Under Construction	Longfellow Addition and Renovations Designed small addition for a single-family residence that allowed a complete kitchen renovation, garage conversion, and new powder room.
Pittsburgh, PA. 2023. Under Construction	James Street Renovations Designed conversion from large historical single family residence into three short-term rental units with ample common amenities.
Millvale, PA. 2022. Unbuilt	North Apartments Designed new elevated addition and renovation for a former mixed-use building to become a new 6,900 square foot apartment building with (7) one-bedroom apartments.
Franklin Park Borough, PA. 2022. Built.	Village Deck Designed deck replacement and extension with new stair while maintaining existing roof.
Zelienople, PA. 2022. Under Construction	Division Street Renovations Designed complete interior and exterior renovations for an existing 16,000 square foot office building with five commercial tenants.

Franklin Park Borough, PA. 2022. Unbuilt	Rochester Addition Designed new front porch, entry foyer, and internal stair on an existing split-level residence.
Fox Chapel Borough, PA. 2022. Unbuilt	Pasadena Addition Designed new 3-story residential addition with storage, kitchen, and master suite.
Bethel Park, PA. 2022. Built	Patterson Renovation Designed new roof geometry on existing cape cod with complete interior renovation.
Franklin Park Borough, PA. 2022. Unbuilt	Fairhill Addition Designed addition to existing ranch with three new bedrooms, new kitchen and great room, 3-car garage, and full basement.
Upper Saint Clair, PA. 2022. Built	Conewanta Addition Designed new second floor addition on top of single family ranch with three new bedrooms and new master suite.
Connoquenessing Borough, PA. 2022. Unbuilt	Dogwood Masonry Shop Designed conversion of existing manufacturing plant and office into new concrete masonry shop with renovated offices and new entry.
Washington, PA. 2021. Built	Old Scales Addition Designed new addition with 2-car garage, home gym, front porch, and rear covered patio.
Richland Township, PA. 2021. Unbuilt	Oakhill Addition Designed addition and new detached 3-car garage at existing colonial residence. Addition included new living area, new gym, 3 bedrooms and 3.5 baths.
Indiana Township, PA. 2021. Built	Carriage Court Renovation Designed interior and exterior improvements to a colonial residence including new dormers, new front porch, new rear deck, new master suite, new home gym, attic conversion, and freestanding poolhouse with garage.
Mars, PA. 2021. Built	Myoma Basement Designed complete interior renovation in an unfinished basement. Design includes home theater, full bar, walk-in wine cooler, and home gym.
Pittsburgh, PA. 2021. Unbuilt	Harcum Renovation Designed a full interior renovation including complete HVAC replacement and custom cabinetry.
Pittsburgh, PA. 2020. Unbuilt	Office Renovation Designed new front office fit-out in an existing building in Homewood for a general contractor.
Shaler Township, PA. 2020. Unbuilt	Breezewood Addition Designed addition on a mid-century modern residence for a new two-car garage, gym, and bedrooms above. Opened floor plan by enlarging kitchen and moving the main stair.
Moon Township, PA. 2020. Built	Windsor Addition and Renovation Designed a garage addition with new great room, kitchen, and renovated bedroom.
Pittsburgh, PA. 2020. Under Construction	Shadeland Interior Renovation Re-designed all interiors for existing home after demolition down to studs in Brighton Heights.
Millvale, PA. 2020. Unbuilt	Stanton Ave Facade Designed new modern facade for warehouse with a leasable tenant space.

West Deer Township, PA. 2020. Built	Greentree Ranch House Designed 5,200 square foot modern ranch-style residence on sprawling scenic farm property.
Aspinwall, PA. 2020. Unbuilt	First Street Master Suite Re-designed third floor master suite on historical foursquare by adding more usable area under a new roof structure.
Shaler Township, PA. 2020. Unbuilt	Red Orchid Take-Out Designed renovation of existing structure for use as a Thai food take-out restaurant. Brought existing structure up to FEMA standards for floodproofing.
Pittsburgh, PA. 2020. Unbuilt	Hatfield House IV Designed renovation for 3,500 square foot townhouse with detached garage and new facade in the Lawrenceville neighborhood.
Ford City, PA. 2019. Built	Sixth Avenue Restoration Designed attic and roof replacement on residence after fire damage.
Millvale, PA. 2019. Under Construction	Goodwin Apartments Produced renderings for exterior improvements on an existing five-unit building.
Pittsburgh, PA. 2019. Built	Service Way Addition Designed an addition to a detached guest house to be used for short-term lodging.
Ohio Township, PA. 2019. Unbuilt	Diamond Run Addition Designed three-story addition that expands a kitchen and master suite. Interior renovation includes addition of a four-stop elevator and attic improvements.
Pine Township, PA. 2019. Built	McKinney House Designed new 6,500 square foot single-family residence featuring five beds and five-and-a-half baths, double height entry, a three-car garage, and an outdoor kitchen next to the pool.
Franklin Park Borough, PA. 2019. Built	Royal Oak Addition Designed a great room addition connecting an historical existing home and detached garage.
Pittsburgh, PA. 2019. Unbuilt	Government Center Cafe Provided permit drawings for new cafe area in boutique record store.
Pittsburgh, PA. 2019. Built	Hatfield Facades Provided renderings for exterior color selections and entry canopy and railing design.
Richland Township, PA. 2019. Unbuilt	Gibsonia Road Addition Designed great room addition to match the craftsman style of the original house. Features include a wood-burning fireplace, full kitchen and bar, indoor / outdoor balcony, and solarium.
Hampton Township, PA. 2019. Unbuilt	East Hardies Renovations Designed several additions that include a new great room, second story bathroom, and new laundry room and entry.
Delmont, PA. 2019. Built	Holiday Inn Express Renovations Designed several improvements throughout hotel for brand license renewal.
Pittsburgh, PA. 2019. Built	South Atlantic Addition Designed an addition to an historic foursquare to allow kitchen expansion into the backyard.
Canonsburg, PA. 2018. Built	Salon Renovation Designed interior improvements for existing two-story salon and offices.

Upper Saint Clair, PA. 2018. Built	Southampton Addition Designed new addition for expansion of a kitchen and living area.
O'Hara Township, PA. 2018. Built	Berryhill Addition Designed new master suite for a single-family residence.
Kittanning, PA. 2018. Built	Pony Farm Addition Designed exterior for addition of a residence.
Robinson Township, PA. 2018. Unbuilt	Glass Road Renovations Designed new master suite, wrap-around porch, grand stair, and kitchen in an existing residence.
Pittsburgh, PA. 2018. Unbuilt	Dunmoyle Renovations Designed new residential elevator in existing residence with a new facade and open floor plan.
Pittsburgh, PA. 2018. Built	Glen Malcolm Kitchen Designed new kitchen and interior structural improvements in existing residence.
West Deer, PA. 2018. Built	West Deer Kitchen Designed the interiors for a luxury kitchen, great room, and office.
Bellevue, PA. 2018. Built	Maxwell's Pizza Redesigned an existing structure to become a pizza restaurant and kitchen.
Pittsburgh, PA. 2018. Under Construction	Hatfield Houses II & III Designed two new townhouses to match adjacent renovation project in Lawrenceville.
Shaler Township, PA. 2018. Unbuilt	Shaler Garage Addition Designed an addition with a two-car garage with a Great Room above and renovated the former garage into a new game room in a single family home.
Loyalhanna Township, PA. 2017. Unbuilt	Woodland Retreat Designed a single family house with multiple expansion phases.
Millvale, PA. 2017. Unbuilt	North Avenue Facade Redesigned a single family homes facade with a new porch and picture window.
Pittsburgh, PA. 2017. Unbuilt	Keystone Houses Designed two new attached homes in Upper Lawrenceville. Each home featured a covered porch, open floor plan, and a rooftop terrace.
Millvale, PA. 2017. Built	McWalker Yarns Designed a new facade and shell for a retailer at ground level and apartment above.
Pittsburgh, PA. 2017. Unbuilt	Liberty Flats Designed conceptual plans for a 14 unit apartment building in Pittsburgh's Strip District. The 30,000 square foot new construction features two levels of parking, ground floor office space, a two story central common space, and a rooftop terrace.
Dormont, PA. 2017. Under Construction	West Liberty Facade Designed the facade of a mixed-use apartment building with a commercial storefront.
Pittsburgh, PA. 2016. Built	Hatfield House I Designed renovation for 3,500 square foot townhouse with detached garage and new facades in the Lawrenceville neighborhood. Upon completion, was sold by the developer for \$715,000.
Pittsburgh, PA. 2016. Under Construction	Jane Street House Designed facade for new townhouse in Southside neighborhood.

June 2014 – July 2016 **ARCHITECT.** AE7. Pittsburgh, PA / Dubai, UAE.

Roles: Project Architect, Standards Committee, BIM Super-User Group, Assist Revit Users, Research emergent design technology. Projects included:

Dubai, UAE. 2016. Under Construction

Meydan One Mall

Setup and managed Revit model for the 5.8M square foot mall component of the \$8.6B Meydan One complex through Schematic Design. Managed model standards, adjacencies between nine other projects, and modeled complex geometries.

Dubai, UAE. 2015. Under Construction

Entisar Tower (now named Burj Azizi)

Assigned as the overall tower interior architecture coordination leader for the \$654M USD, 2,873,225 square foot, 1,722 foot tall, 122 floor residential tower with 950+ units, retail and office podium and separate 902,976 square foot parking structure. Responsibilities included partition types, ceilings, S/MEP coordination, finish details, stack effect coordination, core and shaft management, fixtures and appliances, casework, and management of 10 Revit models. Produced presentation graphics and a sales brochure.

November 2011 – June 2014 **PROJECT ARCHITECT.** Astorino. Pittsburgh, PA.

Roles: Project Architect, Project Assistant, Assisted in Healthcare Planning, Assisted Revit Users. Produced animations and renderings. Researched emergent technology such as geometry capture, augmented reality, and Dynamo visual programming. Projects included:

Cranberry Township, PA. 2014. Built

PPG Architectural Coatings Headquarters

Produced construction documents for a tenant fit-out of offices, eatery, gym, and a training store.

Johnstown, PA. 2014. Built

Conemaugh Physician Group - Urology Suite

Produced 3,720 square foot tenant fit-out including exam rooms and lab.

Johnstown, PA. 2014. Unbuilt

Conemaugh Memorial Medical Center Master Plan

Assisted in programming more than 2 Million square feet of buildings distributed over two campuses and several satellite facilities.

Abu Dhabi, UAE. 2014. Built

Mubadala Capital Health Screening Centre

Lead production for a 35,000 square foot diagnostic screening center, work visa center, and administrative offices. Tenant Fit-out in Al Jazira Stadium. Assisted in space planning and responsible for documentation.

Kittanning, PA. 2013. Built

Kittanning House

Assisted in renovation and addition plans for anesthesiologist's home. Produced renderings and animation.

Ligonier, PA. 2013. Unbuilt

Rolling Winds Residence

Assisted in \$2M renovation and addition to CEO's home in Ligonier.

Wexford, PA. 2014. Built

Allegheny Health Network Wexford Health + Wellness Pavilion

Lead Interior Fit-Out Team for a new \$54M, 182,000 square foot fast-track, design-build project. Responsible for casework, finishes, partitions, grand stair, ceilings, interior doors and windows, code compliance, life safety drawings, MEP coordination, and medical equipment coordination.

Monroeville, PA. 2013. Built

Allegheny Health Network Monroeville Surgery Center

Assisted in programming and planning in schematic design for renovation of existing structure for an outpatient surgery center.

Moon Township, PA. 2012. Built

Robert Morris University RISE School of Nursing

Produced animation of proposal for fundraising. Miscellaneous detailing and coordination.

- Peters Township, PA. 2011. Built **Dr. Blair Jobe Offices**
Assisted in planning schematic design for a tenant fit-out including exam rooms and offices.
- Cranberry Township, PA. 2012. Built **Cardinal Wuerl High School**
Assisted in conceptual design for a sculptural rose chapel.
- Pittsburgh, PA. 2012. Unbuilt **Allegheny General Hospital Master Plan**
Assisted with campus programming and several small projects including: Hyperbaric Chamber Suite, PT / OT renovation, and GI Lab Suite renovation.
- Canonsburg, PA. 2012. Unbuilt **Canonsburg General Hospital Master Plan**
Assisted with conceptual planning of a new bed tower addition, renovations, and demolition.
- Monroeville, PA. 2012. Built **Forbes Regional Hospital Roof and Entry Sign**
Produced all architectural and structural documentation for the \$1.3M, 1,100 linear foot roof screen / signage, \$645K roof replacement, and \$265K entry monument sign at Forbes Regional Hospital as project designer.
- Monroeville, PA. 2012. Unbuilt **Forbes Regional Hospital Master Plan**
Assisted in campus planning including a new bed tower, Emergency Department Addition, ICU / CCU Renovation, new EMS / Fire station, and new parking structure. Produced a weekly design publication for Steering Committee review.
- Middletown, PA. 2012. Unbuilt **Pennsylvania Turnpike EZ Pass and Violations Center**
Laid out interior fit-out for new departments in existing building.
- Washington, PA. 2011. Unbuilt **Meadows Racetrack & Casino Hotel**
Assisted in the design of a 147,000 square foot hotel.
- February 2009 – November 2011 GRADUATE ARCHITECT | BIM MANAGER.** Celli-Flynn Brennan. Pittsburgh, PA.
Roles: Managed content, developed standards, and taught new Revit users. Produced presentation graphics and animations. Projects included:
- Pittsburgh, PA. 2010. Built **Mount Lebanon High School Additions and Renovations**
Assisted in demolition, renovation on buildings from the 1920s, 50s, and 70s, and new construction design for the \$110M, 454,817 square foot high school. Responsible for Revit model management, elevators, interior partition types, casework, theater and auditorium details, roof plans, and general consultant coordination.
- Loretto, PA. 2011. Built **Saint Francis University Science Center**
Produced floor plans, ceilings plans, roof plans, wall sections, exterior elevations, door schedules, and casework and equipment plans for the \$17M, 67,930 square foot new construction undergraduate laboratory project. Produced renderings and animation for owner fundraising.
- Moon Township, PA. 2009. Built **Robert Morris University School of Business**
Produced schematic and design development drawings for the \$6M, 17,868 square foot new graduate school of business.
- Erie, PA. 2009. Built **Erie Cathedral Preparatory Event Center**
Helped finish construction documents for Phase I of athletic facility including locker rooms, snack bar, public restrooms, and lobby.
- 2009 - 2011. Unbuilt **Various Studies and Proposals**
Marywood University Library (Scranton, PA), Carroll University Graduate Student Center (Waukesha, WI), Penn State Intramural Building Addition (University Park, PA), Alderson Broadus Football Stadium (Philippi, WV) and Gannon University Carneval Athletic Renovation (Erie, PA).

June 2008 - January 2009

GRADUATE ARCHITECT. Burt, Hill. International Studio. Pittsburgh, PA / Dubai, UAE.

Roles: Assisted in international projects, formed research proposal for scripted design applications, led discussions on workflow and software, and explored emergent digital methods. Projects included:

Dubai, UAE. 2008. Unbuilt

Tatweer Towers

Generated floor, finish, and ceiling plans for residential section of twin 100+ story mixed-use towers.

Dubai, UAE. 2008. Unbuilt

Motor City School

Created vision plan for school, clinic, and academy.

Dubai, UAE. 2008. Unbuilt

Union Properties Motor City Campus

Produced façade and plan options in Dubai, UAE executive office.

Da Nang, Vietnam. 2008. Unbuilt

Hotel Resort and Convention Center

Created vision plan for resort development.

Dubai, UAE. 2008. Unbuilt

Jebel Ali Residential Development

Laid out villa options.

Abu Dhabi, UAE. 2008. Unbuilt

Capital District Residential Development

Laid out villa options.

May 2007 - August 2007.

ARCHITECTURAL INTERN. Foreman Architects Engineers. Zelienople, PA.

Roles: Renderer, code research, begin Intern Development Program. Projects included:

Moon Township, PA. 2007. Unbuilt

Moon Area High School

Designed competition entry for American School & University Magazine.

PROFESSIONAL ACTIVITIES

- August 2024 - Present **Member.** ACRE Pittsburgh
Real Estate Investment Association
- March 22-24, 2024 **Exhibitor.** North Hills Home Show.
North Park Sports Complex
- February 2024 **Consultant.** Provided architectural expert report in defense of an insurance carrier for a commercial building with mechanical systems problems.
- 2021 **Member.** NAIOP
Commercial Real Estate Development Association
- April 2021 - October 2023 **Consultant.** Provided architectural expert report in defense of an insurance carrier for a large apartment building with chronic water infiltration problems, which was settled prior to trial.
- April 2019 **Presenter.** AIA Build Pittsburgh
Stepping up to Completing Larger Projects in BIM with Brian Kish
- May 2018 - March 2019 **Consultant.** Provided architectural expert report in defense of an insurance carrier for a small apartment building with chronic water infiltration problems, which was settled out of court.
- May 2018 **Guest Speaker.** Pittsburgh Real Estate Investors Commercial Subgroup
The Architectural Process
- March 2018 - 2020 **Member.** Pittsburgh Real Estate Investors Association
- September 2015 **Presenter.** AIA Middle PA Symposium
Design Strategies for the BIM Workflow with Mark Dietrick
- April 2015 **Presenter.** AIA Build Pittsburgh
Design Strategies for the BIM Workflow with Mark Dietrick
- May 2014 **Moderator.** AIA Build Pittsburgh
Presented at *Digital Fabrication: Bridging the Gap between Designing and Making.*
- September 2012 & September 2013 **Performer.** AIA Design Pittsburgh
Volunteered in exhibit *Architects in Action* performing live modeling and interacting with guests.
- May 2011 **Panelist.** AIA (re)Build Pittsburgh
Presented at *Young Masters of Digital Design* session & discussion.
- March 2011 **Volunteer.** Ebenezer Baptist Church, Pittsburgh PA. Served as guest design critic for youth design challenge with the Pittsburgh History & Landmarks Foundation.
- October 2010 **Guest Speaker.** Sto-rox High School, McKees Rocks, PA. Facilitated team model-building workshop for 25 students.
- October 2008 **Guest Design Critic.** Chatham University, Pittsburgh, PA.
Served on jury for graduate interior architecture class.
- July 2002 **Volunteer.** Hosanna Industries Building Blitz. Cranberry, PA.
Worked in residential construction for a non-profit Christian group.

HONORS AND AWARDS

- October 2013 **Honor Award.** Young Architect's Design Studio Competition. AIA Pittsburgh.
For winning project *Light Trail*.
- October 2010 **Honor Award.** Young Architect's Design Studio Competition. AIA Pittsburgh.
For winning project *Organic Mechanic*.
- October 2008 **Award of Distinction in Digital Fabrication.** Form-Z Joint Study. Minneapolis.
For Winning Project *Outside The Blocks*, International Competition, with Teammate Keith Labutta.
- November 2007 **Citation for Outstanding Design.** American School & University.
Citation for competition entry by Foreman Architects Engineers.
- September 2005 **Finalist.** Penn State School of Architecture Corbelletti Design Charette.
- 2005 **Finalist.** Pennsylvania Concrete and Masonry Association Competition.
- 2003 - 2004 **Recipient.** National Association of Women in Construction Scholarship Winner.

PUBLICATIONS

- December 2023 **IN Community Magazine**
Industry Insights: When Should You Hire an Architect?
Upper St. Clair, North Allegheny, and Fox Chapel Editions.
- December 2013 **WHIRL Magazine**
Honor Roll, for *Light Trail*, p. 103.
- 2009 **Digital Media and the Creative Process: 2007-08 form-Z Joint Study Journal**
Outside the Blocks with Keith Labutta, p. 31.
- February 2009 **in-form-Z**
Great Expectationz.
- November 2007 **American School & University**
Outstanding Designs, *Moon Area High School*, with Foreman Architects Engineers, p. 288.

EDUCATION

- May 2008 **The Pennsylvania State University.** University Park, PA.
NAAB Accredited Bachelor of Architecture.
- August 2006 - December 2006 **Sede di Roma.** Rome, Italy.
Studied ancient, medieval, renaissance, and baroque theories in study abroad program.
Analyzed urban design and city planning through cartography and city walks.
- June 2003 **Shaler Area High School.** Pittsburgh, PA. Diploma with Exemplary Honors.