



tyler porter

profile

I design things with data and code. From building forms, to space plans, to generative art: I write the scripts and algorithms that create my designs and pair them with a quantitative rigor. I think technology, when combined with an intuition for the experiential qualities of architecture, can result in profoundly impactful additions to the built environment, both in terms of aesthetic beauty and building performance.

West Texas born and raised, I pursued architecture at Texas Tech University. It was there that I learned that I could marry my two loves of design and programming through parametric and generative design. In 2015, I traded endless skies and infinite plains for the rapidly growing city of Fort Worth.

contact

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experience

GFFdesign *Senior Project Coordinator* March 2022 to present

I worked both independently and across multiple project teams between two offices, with a focus on multi-family projects. I assisted in all phases of architectural design, documentation, and construction administration.

I am a member of the firm's BIM committee, acting as the Fort Worth office's point of contact for all BIM related issues, administrator for Autodesk Construction Cloud projects, and curator/builder for our studio's content libraries. I helped develop and implement a new workflow for organizing unit plans (typically ranging from 20 to 30 unit types per project) leading to quicker onboarding of new team members and quicker revisions.

I am a member of the firm's AI committee, investigating ways to leverage this emerging technology in both our design and production processes. I have developed an internal large language model trained on the I-codes, accessibility standards, and local code amendments and zoning ordinances, so that users can simply ask questions and get answers, along with code references to refer back to for verification.

Bennett Partners (formerly Bennett Benner Partners) *Project Coordinator* February 2015 to March 2022

I worked in a highly collaborative office across multiple project teams and a wide array of project types. From a high rise office tower, to a sprawling state park, to a small ice cream shop finish out, I assisted in all phases of architectural design, documentation, and construction administration.

I was a founding member of the firm's BIM committee, helping convert the firm over to 100% BIM production. I acted as the firm's BIM manager providing insight, continuing education, and technical assistance across the firm.

I assisted our Marketing Director in producing brand graphics, infographics, and templates for our RFQs and proposals. I filmed and edited promotional videos highlighting our work. I designed award submissions for projects across the firm.

I leveraged my interests in emerging technologies to introduce 3D printing and virtual reality rendering to our firm, managing and assisting in the utilization of those technologies to provide unique ways of selling design concepts to clients.

Freelance *Graphic Design and Branding Consultant* 2016 to Present

I work with clients to realize their business goals through brand design, logo design, and graphic design.

I conduct client interviews to help guide brand creation by determining brand personality and market position.

Using the information gathered from interviews and market research, I create logo concepts and work with clients in a highly collaborative process to arrive at the correct design solution.

For clients needing promotional services, I provide graphic design assistance creating promotional materials for events, as well as social media graphics.

education

M. Arch, specialized in Digital Design and Fabrication *Texas Tech University* 2013-2014

B.S. Arch *Texas Tech University* 2009-2013

tools

Revit + Dynamo
Rhino + Grasshopper
Enscape
Adobe Photoshop
Adobe Illustrator
Adobe Indesign
Adobe Premiere
Adobe After Effects
GIS
Microsoft Office
Bluebeam Revu
Processing
Midjourney
Stable Diffusion

skills

Architectural design
Parametric design
Freehand conceptual sketching
Space planning
Construction documentation
Construction coordination
Construction administration
Signage design
Graphic design
Programming (Java)
Programming (R)
Data Science
3D Printing
Videography

references

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select projects

The Crescent Residences

Senior Project Coordinator
292,000 sf
New Construction

I assumed leadership of a challenging, complex project involving multiple stakeholders that had compounding issues during the construction documentation phase leading to declining client confidence. Through proactive, timely communication and a focus on customer service, I was able to stabilize the project and successfully restore the client's trust in the project team leading to a successful project delivery.

I designed additional amenities such as a dog park and tenant storage lockers when client desires changed mid-construction, working to utilize existing spaces for these amenities without affecting already in place construction. With guidance, I drafted additional service proposals for all work outside of the contract scope.

I reviewed and approved pay applications as well as reviewed and verified potential change orders.

Frost Tower Fort Worth

Project Coordinator
786,000 sf
New Construction
2019 AIA Fort Worth Design Award Winner

I assisted with design development, designing curtain wall schemes, BIM model development, and space plan alternates for client approval.

I helped prepare construction drawings and coordinate with consultants. I participated in preliminary value engineering exercises with the owner and contractor team. I assisted in permitting, revising drawings to respond to plan review comments.

I assisted with construction administration producing weekly field reports. After the departure of our project architect, I took on a more direct and independent role in CA, becoming the main point of contact with the general contractor and the point person in the field addressing construction issues from our architectural team. I handled most scopes during final punch, from curtain wall to interior finishes.

Tarrant County College District Staff Relocation

Project Designer and Coordinator
130,000 sf
New Construction
2021 AIA Fort Worth Design Award Winner

I created initial design concepts and renderings and presented these concepts to the client team for approval. After concept selection, I worked with the rest of our internal project team in a collaborative design charette to take the initial design concepts and flesh it out to the full program.

I created data visualizations to assist the client in understanding the complexities of their internal staff structure. I took data from our programming meetings with each department and was able to generate adjacency matrixes and network diagrams to help convey these inter-department connections and paired with department counts was able to arrange and allocate these departments in the most efficient manner.

I assisted in creating the construction documents, two separate phased packages for permitting.

I performed weekly site visits and prepared field reports for each. I was the primary contact when issues arose in the field and I worked with the general contractor to address issues as they arose in the quickest and most cost-effective manner, without compromising the architectural vision. I assisted with final punch, handling architectural scopes.

I designed and produced fabrication files for the environmental graphics across the project, from custom wall coverings and wayfinding to distraction films for conference room storefronts.

all projects

Commercial

Frost Tower Fort Worth
Project Coordinator / New Construction
2019 AIA Fort Worth Design Award Winner

CapRock Partners

Sr. Proj. Coordinator / Tenant Finish Out

National Autobody Parts

Project Coordinator / New Construction

Briggs Freeman Sotheby's

Architectural Designer / Renovation

Hunter Park

Sr. Proj. Coordinator / Under Construction

Public

Palo Pinto Mountains State Park

Project Coordinator / New Construction

Cultural District Design Overlay

Architectural Technologist / Preservation

Roanoke PD and Municipal Court

Sr. Proj. Coordinator / New Construction

Hospitality

Melt Ice Creams - Sundance

Project Designer / New Construction

Melt Ice Creams - Mule Alley

Signage Designer / New Construction

Multi-Family

The Crescent Residences

Sr. Proj. Coordinator / New Construction

Lang Partners Left Bank

Sr. Proj. Coordinator / New Construction

Lang Partners Denton Railyard

Sr. Proj. Coordinator / New Construction

Bryan Ave Flats Micro Apartments

Project Coordinator / New Construction

Planning

Silver Creek Business Park

Project Coordinator / Unbuilt

Baker Track Design Guidelines

Code Writer

Education

Tarrant County College

District Staff Relocation

Project Designer and Coordinator
New Construction

2021 AIA Fort Worth Design Award Winner