



# Joaquin Garner

## Mechanical Design Architect, CAD and AutoCAD

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### STRENGTHS

- 🔧 **Technical translation**  
Turned remodeling requirements into clear drawings, models, and decisions. A practical detail often prevented later confusion.
- 📋 **Code awareness**  
Used zoning and building code research during design reviews. Teams gained confidence before permit submission.
- 👁️ **Visual communication**  
Paired SketchUp and Lumion studies with technical drawings. Clients could discuss choices before details became costly.
- 👥 **Team guidance**  
Supported designers through revisions and checks. Colleagues regularly sought help with drawing coordination.
- ✅ **Delivery discipline**  
Managed concurrent updates with revision control and clear communication. Schedules stayed easier to track during busy periods.

### SKILLS

Architecture degree

Residential remodeling

Architecture stamp AutoCAD

Revit SketchUp Lumion

Load bearing walls

Structural integrity Building codes

Permitting Zoning

Concept drawings

Construction drawings

Residential portfolio

### SUMMARY

Project Architect with more than five years of progressive experience delivering **residential remodeling** work from concept development through construction documentation. Hands on work includes AutoCAD, Revit, SketchUp, Lumion, permitting, zoning, **structural coordination**, load bearing wall review, and building code research. Coordinates multidisciplinary stakeholders, resolves technical issues, and maintains clear documentation across concurrent projects. Experience includes design development, **construction drawings**, field condition review, quality checks, revision control, and schedule management. Licensed Architect in Illinois since 2023, with a Bachelor of Architecture from **Illinois Institute of Technology**. Career growth reflects increasing ownership, practical judgment, team guidance, and dependable delivery. Brings focused residential design experience and a collaborative approach that supports accurate drawings, sound coordination, and client ready project outcomes.

### EXPERIENCE

#### Project Architect, Residential Remodeling

Hearthstone Residential Design 📅 May 2023 - Present 📍 Evanston, IL

Lead residential remodeling design across concept development, technical documentation, coordination, permitting, and delivery. Guide team members, review drawings, investigate field conditions, and connect client needs with practical construction solutions.

- Converted remodeling requirements into coordinated **AutoCAD** and **Revit** drawing sets for client review.
- Resolved load bearing wall questions through field review, structural coordination, and building code research.
- Produced concept and construction drawings with **SketchUp** and **Lumion** studies for residential stakeholders.
- Coordinated **permitting** and **zoning** submissions, reducing rework through disciplined document checks.
- Guided designers through revisions, improving consistency across concurrent residential remodeling deliverables.

#### Architectural Designer, Residential Projects

Oak & Brick Architecture 📅 July 2021 - April 2023 📍 Evanston, IL

Supported residential architecture projects from early design through permit documentation. Managed drawing updates, visual studies, technical research, stakeholder coordination, and quality review while building broader responsibility for project delivery.

- Developed **AutoCAD** plans and elevations for **residential remodeling** concepts and permit packages.
- Updated Revit models after field observations, clarifying existing conditions for design decisions.
- Used SketchUp and Lumion studies to communicate design direction during stakeholder reviews.
- Researched zoning and **building codes**, guiding revisions before permit submission.
- Coordinated consultant comments and drawing revisions, keeping project information aligned across disciplines.

#### Architectural Designer, Residential Design

Lakeview Design Workshop 📅 June 2020 - June 2021 📍 Evanston, IL

Contributed to residential design production, documentation, and coordination under senior architectural direction. Built practical capability in drafting, model development, visual communication, code review, and project quality control.

- Drafted **residential remodeling** plans in **AutoCAD**, supporting accurate concept and construction documentation.
- Built Revit models from measured conditions, giving project teams clearer design information.

LANGUAGES



MY CAREER



- Project Architect, Residential Remodeling at Hearthstone Residential Design (3.3 Years)
- Architectural Designer, Residential Projects at Oak & Brick Architecture (1.8 Years)
- Architectural Designer, Residential Design at Lakeview Design Workshop (1 Years)

- Created SketchUp massing and Lumion views for early client conversations and internal reviews.
- Checked drawing sets for coordination gaps, supporting cleaner submissions and fewer late revisions.
- Collected field information and code references, helping resolve practical design questions.

PROJECTS

Residential Remodeling Permit Set 📅 2024

Prepared a coordinated residential remodeling permit package with AutoCAD, Revit, zoning research, code review, and construction drawings. Work connected design intent with practical approval requirements.

Load Bearing Wall Coordination Study 📅 2023

Reviewed existing residential conditions and coordinated load bearing wall decisions with drawing updates, field information, and structural input. Documentation supported clearer construction planning.

LEADERSHIP & AWARDS

- Illinois Architect License recognition, 2023, reflecting completion of professional licensure requirements.
- Project leadership recognition, Hearthstone Residential Design, for dependable residential documentation and team guidance.
- Design contribution recognition, Oak & Brick Architecture, for clear coordination across remodeling assignments.

EDUCATION

Bachelor's Degree in Architecture

Illinois Institute of Technology 🎓 GPA: 3.5 📅 2020 📍 Chicago, IL

*Coursework: Architectural design, building technology, structural systems, construction documentation*

CERTIFICATIONS

- Licensed Architect, Illinois 📅 2023
- Bachelor of Architecture 📅 2020

TECHNICAL SKILLS

- **Computer Aided Design:** AutoCAD, Revit, construction documentation
- **Three Dimensional Design:** SketchUp, Lumion, architectural visualization
- **Residential Architecture:** Residential remodeling, concept design, design development
- **Structural Coordination:** Load bearing walls, structural integrity, consultant coordination
- **Building Regulations:** Building codes, code research, compliance review
- **Permit Administration:** Permitting, permit submissions, approval packages
- **Land Use Review:** Zoning, zoning research, municipal requirements
- **Drawing Production:** Concept drawings, construction drawings, detail development
- **Project Coordination:** Stakeholder coordination, multidisciplinary reviews, schedule tracking
- **Quality Control:** Drawing checks, revision control, document review

PROFESSIONAL AFFILIATIONS

- American Institute of Architects, architecture professional affiliation.
- Illinois architectural professional community, residential design and licensure participation.

ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST