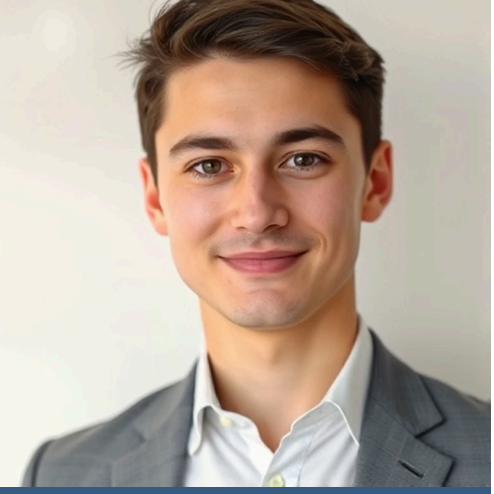

## STRENGTHS

**Collaboration**
Championed team efforts for project success, ensuring all voices contributed and learned from shared experiences.

**Adaptability**
Thrive under pressure, adjusting strategies as project requirements shift, fostering team resilience in challenges.

**Attention to Detail**
Ensure every modeling nuance is accurate, developing thorough checks to maintain high-quality deliverables consistently.

**Communication**
Express ideas clearly in both writing and speaking, nurturing understanding among diverse stakeholders in academic settings.

**Technical Proficiency**
Leverage sophisticated software like Revit to elevate project outcomes, continually expanding expertise through ongoing learning.

## SKILLS

Autodesk Revit | AutoCAD

BIM methodologies

Structural Analysis

Technical Communication

Team Collaboration

Building Design | Detailing Tools

Engineering Software

# Emmanuel Gallegos

Technical Modeler Intern - Structural

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linkedin.com/in/emmanuel-gallegos 1234 Elm Street, Bloomington, IN 47401

## SUMMARY

Aspiring Civil Engineer with hands-on experience in structural modeling and drafting through academic projects. Strong technical background complemented by formal education and practical application of BIM software. Proficient in Autodesk Revit and committed to implementing best practices in structural engineering. Eager to contribute to innovative projects while continuously learning and growing within a team-oriented environment. Experience includes leading 3D model development, utilizing specialized tools, and collaborating on complex assignments, showcasing ability to deliver quality results. Strong engagement with peers fosters collaborative learning.

## EDUCATION

### Bachelor's Degree in Civil Engineering

Indiana University GPA: 3.5 2026 Bloomington, IN

***Coursework:*** *Structural Design, Geotechnical Principles, Environmental Engineering, Transportation Planning*

## TECHNICAL SKILLS

- **BIM Software:** Revit, AutoCAD, Tekla
- **Modeling Tools:** SketchUp, Rhino, Navisworks
- **Structural Software:** SAP2000, ETABS, SAFE
- **Visualization Tools:** Lumion, V-Ray, 3ds Max
- **Project Management Tools:** Microsoft Project, Trello, Asana
- **Collaboration Platforms:** Slack, Microsoft Teams, Zoom
- **Documentation Standards:** ISO 9001, AISC, ACI
- **Analysis Methods:** Finite Element Analysis, Load Testing, Structural Evaluation
- **Sustainability Frameworks:** LEED, BREEAM, Green Globes
- **Engineering Codes:** IBC, ASCE 7, AASHTO

## EXPERIENCE

### Technical Modeler

University Project January 2026 - Present Bloomington, IN

Focused on 3D modeling for capstone project, honing skills essential for structural engineering through teamwork and advanced software use. Delivered creative modeling solutions under tight deadlines.

- Developed 3D models for residential structures using Autodesk Revit, facilitating design visualization.
- Collaborated with engineers and fellow modelers to produce detailed plans, sharpening attention to drafting excellence.
- Integrated BIM methodologies that streamlined workflows and enhanced accuracy throughout the project lifecycle.
- Conducted peer reviews on modeling accuracy, ensuring adherence to standards while improving collaborative competence.
- Utilized customized plugins for automating tasks, notably increasing overall efficiency across project timelines.
- Presented clear technical outcomes to faculty, earning commendations and refining presentation skills.

### Research Assistant

Academic Research September 2025 - December 2025 Bloomington, IN

Supported research initiatives focusing on sustainability within civil engineering, contributing to impactful findings recognized at community events.

Sustainable Practices

Modeling Software

Project Workflow Data Analysis

Presentation Skills

Technological Innovation

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER


- Technical Modeler at University Project (6 Months)
- Research Assistant at Academic Research (3 Months)

- Contributed data analysis for sustainability studies, enhancing computational skills and decision-making capability.
- Prepared thorough reports detailing structural integrity impacts from proposed materials, aiding in informative discussions.
- Collaborated with researchers on weekly meetings, which actively drove project progress and shared valuable insights.
- Created visual aids for presentations, fostering effective communication of research outcomes.

### BIM Developer

Hackathon Project March 2025 Bloomington, IN

Collaborated intensively during a 48-hour hackathon, exhibiting rapid prototyping and problem-solving capabilities in live project scenarios.

- Worked alongside a diverse team to visualize mixed-use development concepts through dynamic 3D modeling.
- Implemented cutting-edge techniques within Revit, extending knowledge in immersive project development.
- Gained mentorship insights through collaboration with industry professionals, enriching personal growth and professional networks.
- Played pivotal role in final presentation, clearly articulating project objectives and receiving accolades for creativity and execution.

## LEADERSHIP & AWARDS

- Dean's List, Indiana University (2024, 2025)
- First Place, University Engineering Hackathon (2025)

## CERTIFICATIONS

- Autodesk Certified Professional: Revit for Structural Design 2026

## PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society
- Volunteer Tutor, Math and Science Learning Center

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST