

# Josh Brickman

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**LinkedIn:** <https://www.linkedin.com/in/joshpbrickman/>

**GitHub:** <https://github.com/JPBrickhouse>

**Portfolio:** <https://jpbrickhouse.github.io/portfolio/>

**Phone:** 847-254-2999

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## Professional Experience

### **Magnusson Klemencic Associates**

*Structural Engineer*, 2013 to 2020

As a senior design engineer with Magnusson Klemencic Associates (MKA), Josh collaborated extensively with architects and contractors to ensure timely analysis, design, and construction of unique projects across the Midwest. Selected projects include the following:

- Epic Systems, Verona, WI
- River Point, Chicago, IL
- 150 N. Riverside, Chicago, IL
- Fifth Third Ice Arena, Chicago, IL
- Advocate Center Practice Facility, Chicago, IL
- 5th and Brazos Residential Tower, Austin, TX
- Advocate Good Samaritan Hospital, Downers Grove, IL

### **Licensed Professional Engineer (Illinois)**

License Number: 062068504

Renewal Date: 11/30/2021

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## Education

### **Northwestern University**

*Full Stack Web Development*, Coding Boot Camp, 2020

### **University of Illinois at Urbana-Champaign**

*Master of Science*, Structural Engineering, 2013

*Bachelor of Science*, Civil Engineering, 2012

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## Technical Skills

HTML, CSS, Javascript, jQuery, APIs, node.js

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## Portfolio Selections

**Picniq** - <https://jpbrickhouse.github.io/Picniq/>

Plan socially distanced picnics! This app discovers restaurants that offer delivery to your favorite parks!

**Weather Dashboard** - <https://jpbrickhouse.github.io/Weather-Dashboard/>

Current and forecasted weather for any city across the world!

**Password Generator** - <https://jpbrickhouse.github.io/Password-Generator/>

Generate a random password based on user-selected input criteria!

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## Further Professional and Volunteer Experience

### **Chicago Architecture Center**

*Volunteer Docent and Tour Guide*, 2017 to Present

As a volunteer docent for the Chicago Architecture Center, Josh gives dozens of walking tours each year, interweaving knowledge about structural engineering, architectural aesthetics, and Chicago history into compressive storytelling and sightseeing experiences.

### **Chicago Lights**

*Volunteer Tutor*, 2015 to 2017

As a volunteer for Chicago Lights, Josh mentored Chicago Public School students via one-to-one tutoring and learning experiences, improving their abilities in core subjects and electives, including advanced math and critical writing.

### **University of Illinois at Urbana-Champaign**

*Graduate Teaching Assistant*, 2012

As a teaching assistant, Josh maintained weekly office hours, mentoring and assisting students with homework, exam review, and coursework concepts, all during their formative stages of structural engineering practice.