

## Nicholas A. Lee

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### ABOUT ME

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I am web developer who loves to learn. Though my first two languages are Ruby and JavaScript, I love taking the time to learn new languages. Recently, I have started learning Swift. I enjoy solving problems ranging from difficult algorithms to driving down response time and page loads.

### SKILLS

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Ruby, Ruby on Rails, Database Management (PostgreSQL & MySQL), JavaScript, Service Oriented Architecture, Jasmine, RSpec, TDD, Active Record, Git, Heroku

### SELECT PROJECTS

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#### Talk.gg

<http://talk.gg>

Talk.gg is a Rails app built with node.js that takes advantage of HTML5's audio capabilities. Using web sockets, up to eight users can join a voice chat room at either a randomly generated or specific URL. Our first use-case was to improve online computer game experience ("gg" stands for "good game"), but user feedback has shown us that it's used in other ways, also. The main advantage of Talk is that there is no sign-up and no download (unlike something like Skype). With around 1,000 hits per day, user feedback is considered to find the balance between feature addition and simplicity.

#### Brainstorm Comics

<http://brainstormchi.com>

I love my local comic book shop. They have a wide selection, and really friendly employees/owner. But one problem is the interaction to reserve and subscribe to certain issues. I solved Brainstorm's problem by allowing customers to access their own "Pull List" and make the changes they see fit. The store owner can easily send emails to customers through the app the alert them of their new arrivals. By creating this site for Brainstorm, the owner has been able to become more organized, and customers can confidently reserve their favorite titles.

### EXPERIENCE

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**Sleepy Giant Entertainment**, Chicago, IL

**Nov 2013 – Present**

*Software Engineer*

- Responsible for both back-end and front-end duties on a ticketed basis. Selected tasks include:
  - Built API endpoints in different Services apps to replace Admin App's direct database calls
  - Created a countdown modal in Elder Scrolls Online Shop to alert user of session timeout
  - Allow administrators to manage legal documents in HTML or Markdown and render information as HTML or plaintext based on format of API request

**Dev Bootcamp**, Chicago, IL

**Oct 2013 – Nov 2013**

*Teaching Assistant*

- Mentored students on topics ranging from Ruby and SQL to Rails and JavaScript

**Dev Bootcamp**, Chicago, IL

**Aug 2013 – Oct 2013**

*Student*

- Learned fundamentals of web development by coding complex logic problems
- Practiced positive development habits like TDD and Separation of Concerns

- In addition to the 70+ hours coding each week, I practiced non-technical skills like code reviews and feedback

**Groupon**, Chicago, IL

**Apr 2012 – Aug 2013**

*Groupon Getaways - Revenue Management Analyst*

**Culligan International**, Rosemont, IL

**Jan 2010 – Mar 2012**

*North America Culligan-Owned Dealerships, Financial Analyst*

**Brunswick Corporation**, Lake Forest, IL

**Feb 2008 – Jan 2010**

*Bowling – Retail Division, Financial Analyst*

## **EDUCATION**

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**University of Wisconsin**

**Madison, WI**

Bachelor of Science in Mathematics and Finance

Dec 2007