# YELENA "LAY-NA" NIZNIK

Structural Engineer turned Web Developer

PHONE 347 463 0259
EMAIL yniznik@gmail.com
PORTFOLIO lenaniz.com

GITHUB github.com/kinzin
LINKEDIN linkedin.com/in/yniznik

## PROJECTS

### SECRET-SAUCE.HEROKUAPP.COM

Feb 2014
- An interactive web-based orientation program that trains college students to participate in and lead a *Spoon University* chapter.
- *Spoon University* is a food website and network with chapters on 30+ campuses across the country.
- Rails/PostgreSQL backend and a JavaScript/Backbone client side.

### VITRIOL.HEROKUAPP.COM

Feb 2014
- A reddit-like forum for digital debate that fosters community by requiring that participants pick either the For or Against side of an argument, and literally take jabs at the opposing team.

### LIKES-ME.HEROKUAPP.COM

Jan 2014
- Likes-Me solves the problem of not knowing which photos to post on a dating profile or personal bio page.
- Uses Facebook's graph API to pull your most recent photos and sort them based on *Likes* to find the most winning ones.

## EXPERIENCE

### GACE CONSULTING ENGINEERS

Structural Engineer | New York City

Feb 2012 – Nov 2013
- Spearheaded technological initiatives to improve efficiency at top tier NY structural engineering firm focused on large-scale hotel, commercial, and residential projects.
- Digitized firm's construction inspection protocol. Transitioned from reviewing hard-copy documents in-field to using fully integrated iPads for document review and report generation. Trained 5 person team.
- Mastered design of concrete and steel building elements using state of the art software and programming technologies.
- Led inspections of concrete high-rises, ensuring that structures were built per design drawings and that standard practices were adhered to.

### RSD ENGINEERING

Structural Engineer | New York City

May 2010 – Feb 2012
- Built digital structural models and performed stability analysis for large-scale construction projects.
- Developed new inter-office protocol for drawing review, digitizing the process and eliminating the need to send and maintain hardcopies.

## EDUCATION

### GENERAL ASSEMBLY

Web Development Immersive | New York City

Dec 2013 – Mar 2014
- 12-week intensive program on full-stack web development
- Designed and built Ruby on Rails and JavaScript web apps individually and in groups

### THE CITY COLLEGE OF NEW YORK

B.S. Civil Engineering | New York City

May 2010
- Graduated Magna Cum Laude, Chi Epsilon Honor Society

## SKILLS

Back-End Web Development
Ruby on Rails, PostgreSQL

Front-End Web Development
HTML, CSS, JavaScript, jQuery, AJAX, Backbone

Presentation
Photoshop, MS Office

Management
Github

## CERTIFICATIONS

ACI Concrete Special Inspector, FE/EIT Exam

## FUN FACTS

- I spent a year climbing around the outside of 50-story buildings, and deep sub-foundations.
- My friends and I run 'Iron Chef'-style cooking competitions for bragging rights.
- I taught myself *Autodesk Inventor* to build a 5' tall clam shell sculpture entirely out of tuna cans.
- I modeled a low-cost water disinfection system used to provide clean water to a small village in Honduras.
- I am fluent in Russian.