

YELENA NIZNIK

Structural Engineer turned Web Developer

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EDUCATION

GENERAL ASSEMBLY

Web Development Immersive | New York City

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

THE CITY COLLEGE OF NEW YORK

Aug 2006 - B.S. Civil Engineering | New York City

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

PROJECTS

VITRIOL.HEROKUAPP.COM

WDI Project | Week 9

- 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

WDI Project | Week 7

- Jan 2014 - Likes-Me solves the problem of not knowing which photos to post on a dating profiles or personal bio page. It 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, PC

Structural Engineer | New York City

- Feb 2012 - Spearheaded technological initiatives to improve efficiency at top tier NY structural engineering firm focused on large-scale hotel, commercial, and residential projects.
- Nov 2013 - Digitized firm's inspection protocol from reviewing hard-copy structural drawings in-field to using fully integrated iPads for document review and report generation. Trained inspection team on new protocol.
- Mastered design of concrete and steel building elements using state of the art software and programming technologies.
- Led inspections for concrete high-rises, ensuring that structures were built per design drawings and that standard practices were adhered to.
- Projects included: Hilton Garden Inn – 42nd St. and Holiday Inn – 99 Washington St.

RSD ENGINEERING, PC

Structural Engineer | New York City

- May 2010 - Initiated inter-office digital protocol for drawing review, eliminating nearly all internal hardcopies.
- Feb 2012 - Built and analyzed digital structural models performing structural stability analysis under static and dynamic loads for large-scale university projects.
- Projects included: NYCCT Voorhees Hall and Baruch College canopy.

CERTIFICATIONS

ACI Concrete Special Inspector,
FE/EIT Exam

SKILLS

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

Back-End Web Development
Ruby on Rails, PostgreSQL

Presentation
Photoshop, MS Office

Management
Github

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.
- In undergrad, I participated in a water disinfection project that provided clean water to a small village in Honduras.