

# Abby Biying Zhang

Full Stack Developer

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## Summary

I am committed to finding solutions to complex problems, and I am passionate about writing clean code. My curiosity has led me into the fields of art, design, technology, and culture.

## Experience

### Full Stack Developer -- Open Assembly (Jan 2015 - Present)

#### **New Feature Development: front-end (AngularJS) and back-end (Ruby on Rails)**

- Collaborated with the CEO and CTO to define and design new features
- Built core system features including career and learning pathway with associated courses and resources
- Behavior Driven Development (BDD) using RSpec
- Analyzed website usage, content and design, created wireframes, redesigned UX and built responsive pages, aligning users' needs with the business goals
- Rebuilt key user interface components including course, group, resource, and assessment forms, and open collection pages with clearer logic and information architecture for users
- Designed and implemented landing page showcasing company's abstractions, successfully driving traffic and reducing bounce rate
- Programmed integrations with leading social media platforms/APIs such as Facebook, YouTube, Pinterest, etc.

#### **Ongoing Platform Maintenance: refactoring, code reviews, testing and debugging**

- Fixed Ruby, AngularJS and CSS bugs on a daily basis
- Distributed version control via Git including rebase, branch, and merge
- Conducted frequent code reviews (Ruby and JavaScript) for new features, bug fixes, and refactoring
- Worked with lead engineer in migrating database from MongoDB to Neo4j

### Metis by Thoughtbot & Kaplan (Sep 2014 - Dec 2014)

- Participated in Metis' intensive 12-week web development bootcamp (<http://www.thisismetis.com/ruby-on-rails>)
- Built projects using Ruby on Rails and JavaScript for group and personal projects, practiced performance refactoring and design patterns
- Learned best practices from senior engineers at Thoughtbot, a top Ruby on Rails consulting shop

## Other Employment

### Assistant Director -- Ashcan Studio of Art (2014)

- Documented student portfolios, edited in Photoshop, and assisted with layout design
- Helped students choose schools, assisted with college application process
- Developed and designed curriculum

### Freelance Graphic Designer (2012 - 2014)

- Developed and executed T-shirt designs, interpreted seasonal fashion direction

### Asian Arts Specialist -- Skinner, Inc., MA (2011 - 2012)

- Provided pre-auction support, including inventory, cataloging, condition reporting
- Worked with department head to develop business strategies for upcoming auctions with knowledge of sales results from other auction houses, domestically and overseas

### Teaching Assistant -- Tufts University, MA (2009 - 2010)

- Taught students cinematography, video editing and post-production
- Curated and coordinated student group show at gallery, created press releases and promotional material, execution of exhibition space and installation

## Education

### Tufts University, MA - MFA (2008 - 2011)

The School of Museum of Fine Arts, Boston - Studio Arts

### Central Academy of Fine Arts, Beijing, China - BFA (2004 - 2008)

School of Fine Art - Painting

## Skills

- Front-end: AngularJS, Bootstrap, Sass, jQuery
- Back-end: Ruby (Rails, Sinatra)
- Database: PostgreSQL, MongoDB, Neo4j
- Other: Amazon Web Services (AWS), Git, RSpec, Capybara, Cucumber, SimpleCov, Regular Expression, Test Driven Development/Behavior Driven Development, Agile methodology, pair programming, Photoshop, Illustrator, Final Cut Pro, After Effects, Pro Tools, Mandarin, Cantonese and English