

Steph T. Zhang

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ABOUT

I'm a full-stack developer who takes great joy in crafting elegant solutions to challenging problems. I come from a wine background, a field that required me to continuously hone my domain-specific knowledge. As a result I'm quick on my feet, learning languages and frameworks with ease. I value collaboration and the beauty of building something greater than the sum of its parts.

SKILLS

Languages: Ruby JavaScript Python	Frameworks: Rails Sinatra	Databases: PostgreSQL MySQL ActiveRecord	Testing: RSpec Capybara
Technologies: jQuery AJAX	Methodologies: OOP/OOJS TDD Agile	Front-End: CSS HTML5 Bootstrap UX	Version Control: Git GitHub

EDUCATION

Dev Bootcamp - NY, 2014

19-week intensive software engineering bootcamp

Columbia University - NY, 2013

BA in Cultural Anthropology

Relevant Coursework:

- Intro to Programming in Java
- Programming for Engineers in Python

LANGUAGES

English	Native
Spanish & French	Conversational
Italian & Mandarin	Working Knowledge

INTERESTS & VOLUNTEERING

LGBT Mentor

Columbia Mentoring Initiative

Volunteer Farmhand

WWOOF

Volunteer Youth Tennis Instructor

119th St. Tennis Association

Web Developer

2014

Freelance

Palate :: [code](#)

A web app to create wine tasting events and receive feedback on tasting ability.

-Modeled tasting performance, using Euclidean distance between user input and an ideal set.

-**Built with:** Ruby on Rails, jQuery, PostgreSQL, Foundation, SendGrid.

Babel Code :: [code](#)

A web app to get open sourced code translations in other languages.

-Implemented polymorphic voting, leading to a reduction in database complexity.

-**Built with:** Ruby on Rails, jQuery, AJAX, PostgreSQL.

Ecosystem :: [code](#)

A game that models an ecosystem with predators and prey.

-Created natural 360 degree movement, using trigonometric properties.

-Implemented collision detection with a 2D bounding box algorithm.

-**Built with:** JavaScript, jQuery.

Programming Coach

2014

Dev Bootcamp

-Tutor students to master technologies and best practices.

-Find and fix bugs in students' code.

Sommelier

2014

Batali & Bastianich Hospitality Group

-Maintained strong knowledge of all wines on continuously changing 600 bottle list.

-Planned and led staff trainings and public facing wine classes.

Wine Intern

2013

Food & Wine Magazine

-Contributed integral research to largest annual print wine feature, reaching over 900k readers.

-Maintained tight editorial deadlines.

Production Intern

2013

Tasting Table

-Created UX maps of competitor sites for redesign to organize startup's growing content base.