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LEAH ITAGAKI

PORTFOLIO

IWillCookThat (Ruby on Rails, Backbone.js)

[Live](#) | [GitHub](#)

Recipe sharing app inspired by Epicurious.com

- Single page app consuming RESTful JSON Rails API
- Omniauth allows for log-in with Facebook accounts
- Event-triggered inclusion of subviews allows dynamic search result filtering

BubbleShooter (JavaScript, HTML Canvas)

[Live](#) | [GitHub](#)

A fun take on the 90s PC game Puzzle Bobble

- Utilizes breadth-first-search to detect bubbles that should be cleared
- Dynamically updates score using jQuery

Chess (Ruby)

[GitHub](#)

A console-based two-player chess game

- Uses multi-level class inheritance for DRY code
- Leverages custom deep-duplication method to validate user move choices

SKILLS & KNOWLEDGE

Ruby on Rails	JavaScript	jQuery	Backbone.js	RSpec
Ruby	SQL	Git	HTML	CSS
				Caché

EDUCATION

App Academy

New York, NY 2015

Immersive, full stack web development bootcamp with focus on pair programming, best practices and coding style (acceptance rate < 5%)

Yale University

New Haven, CT 2007-2011

Bachelor of Science, Engineering Sciences (Chemical) GPA 3.82.

Course Highlights: Vector Calculus & Linear Algebra, Intro to Computing for Engineers & Scientists

PROFESSIONAL EXPERIENCE

North Star Academy College Prep. High School, Engineering Teacher

Newark, NJ 2014-2015

- Designed new engineering curriculum based on nationally recognized engineering program
- Taught engineering elective course to 9th-12th grade students in six classes of 14-30
- Devised rigorous evaluations and used analysis of results to inform instruction

Epic Systems Corporation, Technical Services

Verona, WI 2011-2014

- Designed, programmed, and performed code reviews of software enhancements in Caché
- Debugged complex technical problems, tracing data through dozens of routines
- Instituted and oversaw improved software upgrade process for 70+ team members
- Ensured integrity of multi-billion dollar revenue streams by adjusting claims to meet constantly evolving regulatory standards
- Provided technical support to IT staff of key clients including Yale New Haven Hospital and Wexner Medical Center at the Ohio State University