ALEXANDER BRONCA

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a-b.sh

Skills

LANGUAGES
Ruby, JavaScript, SQL, HTML, CSS, Elm

TECHNOLOGIES
Rails, React, Redux, jQuery, RSpec, Git, npm, Webpack, Heroku, Vim

Experience

APP ACADEMY *Developer/Instructor, October 2016 – Present*
- Served as lead developer of Rails/React student tracking tool
- Assigned development tasks and administered code reviews for both New York and San Francisco offices via GitHub
- Enforced test coverage with RSpec and Jest to ensure code stability
- Managed continuous integration using CircleCI to consistently confirm code functionality
- Moved from Node-based WebSocket server to Redis-backed ActionCable for easier management of real-time connections
- Managed SSL using Cloudflare to improve security and performance
- Enforced style rules and pushed for full ES6 adoption for greater code readability and consistency
- Served as project manager for student-made full stack projects, using technologies including Google Maps API, Quill, Paperclip, Amazon S3, and pg_search

RAY DASS TEST PREP *SAT/ACT Tutor, November 2015 – August 2016*
- Tutored 75+ students in both private and classroom settings, with an average score increase of 200 points

Projects

SLOTH *Rails, React, Redux –* Live | GitHub
- Full-stack SPA inspired by Slack messenger
- Set up WebSockets using Pusher API to send users real-time messages and notifications
- Fetched random gifs using Giphy API to improve user experience

SPACE MELONS *Elm, SVG –* Live | GitHub

Education

APP ACADEMY
- 12-week full-time development bootcamp focusing on Rails, React, and Redux
- Selected from a class of 40+ students to become a teaching assistant

UNIVERSITY OF MIAMI, *B.S. in Neuroscience*
- Coursework included calculus, biology, chemistry, physics, and psychology